

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:

**July  
2007**

**Edmund G. Brown Jr.**  
Governor  
State of California

**John Laird**  
Secretary for Resources  
The Resources Agency

**Mark Cowin**  
Director  
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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**MARK COWIN, Director**

Department of Water Resources  
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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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## **MONTHLY HIGHLIGHTS**

The following highlights are activities or actions that impacted State Water Project operations during the month of July 2007.

Statewide precipitation was about 65 percent of average for the 2006-2007 water year through July. Statewide runoff was 50 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "[http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html)".

Statewide reservoir storage was 85 percent of average to date. Total storage in major SWP reservoirs at the end of July 2007, was about 3.09 maf, compared with about 4.74 maf at this time in 2006. On July 31, 2007, storage at Lake Oroville was about 2.19 maf as compared to 3.26 maf at this time in 2006. The State's share of San Luis Reservoir storage was about 329 taf, as compared with 868 taf at this time in 2006. The combined storage in SWP's southern reservoirs was about 566 taf, compared with about 610 taf at this time in 2006.

Snowpack and runoff data is not available this month. This data is compiled four times a year, for the months of January, February, March, and April by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of the volume of seasonal runoff from the state's major watersheds, and summaries of precipitation, reservoir storages in various regions of the State.

SWP water deliveries for July 2007 were about 559 taf. This is a combination of project, transfer, and exchange waters. Total deliveries for the year through July was about 2.99 maf, this is about 133 af more than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Balanced" conditions throughout the month of July 2007. The end-of-month accumulated USBR-COA balance was 2,292 cfs, reflecting a surplus in USBR storage withdrawals available to meet the USBR's share of Sacramento Valley In-Basin Use.

On July 2, Gorman Creek Improvement Canal flow increased from zero to 190 cfs for the water requirement to Castaic Lake with Warne Power Plant limited releases due to needle problems.

On July 30, Las Perillas Unit 5 was forced out of service from 1255 to 1437 hours due to a buildup of weeds on the trash racks causing low water intake and unit trip to lockout. Maintenance removed weeds from the intake.

**Table 1. Antelope Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Jun 30	5000.40	21,108									
1	5000.32	21,037	-71	20	0	0	0	11	31	-5	
2	5000.26	20,983	-54	20	0	0	0	11	31	4	
3	5000.20	20,930	-53	20	0	0	0	11	31	4	
4	5000.13	20,868	-62	20	0	0	0	11	31	0	
5	5000.06	20,806	-62	20	0	0	0	11	31	0	
6	5000.01	20,762	-44	20	0	0	0	11	31	9	
7	4999.93	20,683	-79	20	0	0	0	11	31	-9	
8	4999.88	20,638	-45	20	0	0	0	11	31	8	
9	4999.80	20,568	-70	20	0	0	0	11	31	-4	
10	4999.75	20,524	-44	20	0	0	0	11	31	9	
11	4999.69	20,471	-53	20	0	0	0	11	31	4	
12	4999.63	20,418	-53	20	0	0	0	11	31	4	
13	4999.56	20,356	-62	20	0	0	0	11	31	0	
14	4999.49	20,295	-61	20	0	0	0	11	31	0	
15	4999.41	20,225	-70	20	0	0	0	11	31	-4	
16	4999.35	20,172	-53	20	0	0	0	11	31	4	
17	4999.27	20,103	-69	20	0	0	0	11	31	-4	
18	4999.24	20,077	-26	20	0	0	0	11	31	18	
19	4999.17	20,016	-61	20	0	0	0	11	31	0	
20	4999.09	19,946	-70	20	0	0	0	12	32	-3	
21	4999.01	19,877	-69	20	0	0	0	12	32	-3	
22	4998.95	19,825	-52	20	0	0	0	12	32	6	
23	4998.89	19,773	-52	20	0	0	0	12	32	6	
24	4998.82	19,713	-60	20	0	0	0	12	32	2	
25	4998.77	19,670	-43	20	0	0	0	12	32	10	
26	4998.69	19,601	-69	20	0	0	0	12	32	-3	
27	4998.61	19,532	-69	20	0	0	0	12	32	-3	
28	4998.54	19,472	-60	20	0	0	0	12	32	2	
29	4998.47	19,413	-59	20	0	0	0	12	32	2	
30	4998.39	19,344	-69	20	0	0	0	12	32	-3	
31	4998.32	19,285	-59	20	0	0	0	12	32	2	
Total cfs-days				---	620	0	0	353	974	54	
Total ac-ft				-1,823	1,230	0	0	701	1,931	108	

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract 1/	Water Right				
Jun 30	5575.75	38,149								
1	5575.68	38,061	-88	0	26	0	0	5	31	
2	5575.62	37,986	-75	0	25	0	0	5	30	
3	5575.56	37,911	-75	0	25	0	0	5	30	
4	5575.50	37,836	-75	0	25	0	0	5	30	
5	5575.43	37,749	-87	0	25	0	0	5	30	
6	5575.40	37,712	-37	0	23	0	0	5	28	
7	5575.35	37,650	-62	0	21	0	0	5	26	
8	5575.27	37,550	-100	0	21	0	0	5	26	
9	5575.21	37,476	-74	0	30	0	0	5	35	
10	5575.21	37,476	0	0	35	0	0	5	40	
11	5575.16	37,414	-62	0	35	0	0	5	40	
12	5575.11	37,352	-62	0	35	0	0	5	40	
13	5575.01	37,228	-124	0	41	0	0	5	46	
14	5574.91	37,105	-123	0	44	0	0	5	49	
15	5574.80	36,970	-135	0	44	0	0	5	49	
16	5574.70	36,847	-123	0	44	0	0	5	49	
17	5574.59	36,712	-135	0	36	0	0	5	41	
18	5574.51	36,614	-98	0	33	0	0	5	38	
19	5574.44	36,529	-85	0	28	0	0	4	32	
20	5574.37	36,443	-86	0	28	0	0	4	32	
21	5574.31	36,370	-73	0	28	0	0	4	32	
22	5574.24	36,285	-85	0	28	0	0	4	32	
23	5574.20	36,237	-48	0	21	0	0	4	25	
24	5574.13	36,152	-85	0	28	0	0	4	32	
25	5574.05	36,055	-97	0	36	0	0	4	40	
26	5573.98	35,970	-85	0	71	0	0	4	75	
27	5573.91	35,886	-84	0	71	0	0	4	75	
28	5573.82	35,777	-109	0	71	0	0	4	75	
29	5573.71	35,645	-132	0	71	0	0	4	75	
30	5573.63	35,549	-96	0	99	0	0	4	103	
31	5573.50	35,394	-155	0	115	0	0	4	41	
Total cfs-days				---	0	1,263	0	0	142	
Total ac-ft				-2,755	0	2,505	0	0	281	

1/ Last Chance Creek Water District

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Jun 30	5764.63	48,189								
1	5764.61	48,130	-59	5	0	5	0	30	40	
2	5764.57	48,012	-118	5	0	5	0	30	40	
3	5764.54	47,924	-88	5	0	5	0	30	40	
4	5764.52	47,865	-59	5	0	5	0	30	40	
5	5764.49	47,777	-88	5	0	5	0	30	40	
6	5764.47	47,719	-58	5	0	5	0	30	40	
7	5764.45	47,660	-59	5	0	5	0	30	40	
8	5764.42	47,572	-88	5	0	5	0	30	40	
9	5764.40	47,514	-58	5	0	5	0	30	40	
10	5764.37	47,426	-88	5	0	5	0	30	40	
11	5764.37	47,485	59	5	0	5	0	30	40	
12	5764.36	47,397	-88	5	0	5	0	30	40	
13	5764.33	47,310	-87	5	0	5	0	30	40	
14	5764.30	47,222	-88	6	0	5	0	30	40	
15	5764.26	47,106	-116	8	0	2	0	30	40	
16	5764.23	47,019	-87	9	0	1	0	30	40	
17	5764.19	46,903	-116	8	0	3	0	30	40	
18	5764.16	46,816	-87	8	0	3	0	30	40	
19	5764.14	46,758	-58	7	0	3	0	30	40	
20	5764.10	46,642	-116	7	0	3	0	30	40	
21	5764.08	46,584	-58	7	0	3	0	30	40	
22	5764.05	46,498	-86	7	0	3	0	29	39	
23	5764.02	46,411	-87	7	0	3	0	29	39	
24	5764.01	46,382	-29	7	0	3	0	29	39	
25	5763.97	46,267	-115	7	0	3	0	29	39	
26	5763.95	46,210	-57	5	0	5	0	29	39	
27	5763.90	46,066	-144	5	0	5	0	29	39	
28	5763.88	46,009	-57	5	0	5	0	29	39	
29	5763.84	45,894	-115	5	0	5	0	29	39	
30	5763.81	45,808	-86	5	0	5	0	29	39	
31	5763.80	45,780	-28	5	0	5	0	29	39	
Total cfs-days				---	175	0	135	0	920	
Total ac-ft				-2,409	347	0	268	0	1,825	
									2,440	
									31	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Jun 30	837.45	2,643,495										
	1	836.09	2,626,038	-17,457	19,792	30	0	0	288	0	20,110	0
	2	834.67	2,607,896	-18,142	21,339	30	0	0	303	0	21,672	0
	3	833.26	2,589,969	-17,927	21,040	30	0	0	340	0	21,410	0
	4	832.29	2,577,686	-12,283	15,237	28	0	0	354	0	15,619	0
	5	831.75	2,570,866	-6,820	10,649	28	0	0	299	0	10,976	0
	6	830.75	2,558,269	-12,597	15,551	30	0	0	415	0	15,996	0
	7	829.22	2,539,080	-19,189	21,197	30	0	0	360	0	21,587	0
	8	827.67	2,519,743	-19,337	21,170	30	0	0	296	0	21,496	0
	9	825.92	2,498,035	-21,708	23,440	30	0	0	286	0	23,756	0
	10	824.18	2,476,582	-21,453	23,242	32	0	0	285	0	23,559	0
	11	822.60	2,457,214	-19,368	21,177	32	0	0	268	0	21,477	0
	12	821.44	2,443,062	-14,152	16,482	32	0	0	208	0	16,722	0
	13	820.27	2,428,847	-14,215	15,829	32	0	0	273	0	16,134	0
	14	819.43	2,418,680	-10,167	14,203	32	0	0	250	0	14,485	0
	15	818.61	2,408,787	-9,893	14,773	32	0	0	338	0	15,143	0
	16	817.28	2,392,801	-15,986	18,149	32	0	0	328	0	18,509	0
	17	815.85	2,375,695	-17,106	19,847	32	0	0	379	0	20,258	0
	18	814.65	2,361,405	-14,290	18,778	32	0	0	218	0	19,028	0
	19	813.48	2,347,530	-13,875	20,122	32	0	0	137	0	20,291	0
	20	812.57	2,336,778	-10,752	14,623	32	0	0	251	0	14,906	387
	21	811.93	2,329,236	-7,542	12,699	32	0	0	280	0	13,011	413
	22	811.05	2,318,894	-10,342	12,467	32	0	0	286	0	12,785	0
	23	809.87	2,305,077	-13,817	17,779	32	0	0	271	0	18,082	0
	24	808.62	2,290,502	-14,575	17,646	32	0	0	284	0	17,962	0
	25	807.50	2,277,498	-13,004	16,167	32	0	1	261	0	16,461	0
	26	806.36	2,264,314	-13,184	17,048	32	0	1	288	0	17,369	0
	27	805.02	2,248,886	-15,428	19,486	32	0	1	245	0	19,764	0
	28	803.53	2,231,817	-17,069	20,092	32	0	1	349	0	20,474	0
	29	802.31	2,217,909	-13,908	17,593	32	0	1	298	0	17,924	0
	30	801.14	2,204,628	-13,281	18,185	32	0	1	283	0	18,501	0
	31	800.22	2,194,225	-10,403	14,397	32	0	1	379	0	14,809	0
Total				-449,270	550,199	962	0	7	9,100	0	560,268	800
												110,198

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation  
(in acre-feet except as noted)

**July 2007**

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Jun 30	23,045										
	1	23,220	175	19,792	421	0	19,002	6	7	1,341	0
	2	23,350	130	21,339	370	0	20,440	6	7	1,460	0
	3	23,151	-199	21,040	347	0	20,312	6	7	1,561	0
	4	24,188	1,037	15,237	509	0	13,098	6	7	1,926	0
	5	23,735	-453	10,649	405	0	9,862	6	7	1,735	0
	6	23,602	-133	15,551	501	0	14,460	6	7	1,747	0
	7	23,669	67	21,197	510	0	20,016	6	7	1,763	0
	8	23,612	-57	21,170	511	0	20,022	6	7	1,745	0
	9	23,649	37	23,440	430	0	22,344	6	7	1,567	0
	10	23,457	-192	23,242	511	0	22,672	7	7	1,448	0
	11	23,456	-1	21,177	398	0	20,072	7	7	1,446	0
	12	23,775	319	16,482	513	0	15,056	7	7	1,531	0
	13	23,721	-54	15,829	431	0	14,712	7	7	1,616	0
	14	23,908	187	14,203	395	0	12,942	7	7	1,507	0
	15	24,009	101	14,773	510	0	13,494	7	7	1,444	0
	16	23,800	-209	18,149	450	0	17,152	7	7	1,458	0
	17	22,974	-826	19,847	512	0	19,254	7	7	1,454	0
	18	23,669	695	18,778	443	0	17,162	7	7	1,456	0
	19	24,077	408	20,122	502	0	18,912	7	7	1,458	0
	20	24,137	60	14,623	376	0	13,428	7	7	1,563	387
	21	23,610	-527	12,699	499	0	11,316	7	7	1,888	413
	22	23,884	274	12,467	499	0	10,542	7	7	2,029	0
	23	23,571	-313	17,779	439	0	16,190	7	7	2,025	0
	24	23,640	69	17,646	468	0	16,094	7	7	1,803	0
	25	23,558	-82	16,167	472	0	15,642	7	7	1,367	0
	26	23,714	156	17,048	451	0	15,534	7	7	1,299	0
	27	23,051	-663	19,486	433	0	18,938	7	7	1,251	0
	28	23,199	148	20,092	466	0	18,964	7	8	1,253	0
	29	23,633	434	17,593	383	0	16,605	7	8	1,255	0
	30	23,600	-33	18,185	371	0	17,672	7	8	1,259	0
	31	23,550	-50	14,397	371	0	12,822	7	8	1,265	0
Total		505	550,199	13,897	0	514,731	208	221	47,920	800	289

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Jun 30	133.00	42,842										
1	132.13	39,595	-3,247	19,002	3,293	22	964	2,222	15,749	0	1	17,090
2	131.67	37,926	-1,669	20,440	3,273	22	968	2,202	15,610	0	-34	17,070
3	131.58	37,603	-323	20,312	3,273	24	956	2,202	14,023	0	-157	15,584
4	130.28	33,088	-4,515	13,098	3,273	26	946	2,222	11,167	0	21	13,093
5	127.87	25,443	-7,645	9,862	3,253	26	849	2,222	11,326	0	169	13,061
6	126.80	22,355	-3,088	14,460	3,273	26	950	2,202	11,326	0	229	13,073
7	127.71	24,969	2,614	20,016	3,253	28	952	2,142	11,326	0	299	13,089
8	128.57	27,565	2,596	20,022	3,233	26	954	2,103	11,346	0	236	13,091
9	130.06	32,351	4,786	22,344	3,193	24	968	2,103	11,564	0	294	13,131
10	131.50	37,318	4,967	22,672	3,015	24	1,000	2,103	11,663	0	100	13,111
11	132.23	39,962	2,644	20,072	3,074	24	1,000	2,122	11,742	0	534	13,188
12	131.56	37,532	-2,430	15,056	3,193	24	956	2,103	11,683	0	470	13,214
13	130.79	34,827	-2,705	14,712	3,213	24	948	2,043	11,544	0	355	13,160
14	129.44	30,316	-4,511	12,942	3,233	22	948	2,043	11,643	0	436	13,150
15	128.22	26,494	-3,822	13,494	3,253	22	944	2,043	11,722	0	668	13,166
16	128.17	26,342	-152	17,152	3,253	30	950	2,063	11,742	0	734	13,200
17	129.02	28,972	2,630	19,254	3,233	38	922	2,023	11,207	0	799	12,661
18	129.37	30,090	1,118	17,162	3,193	38	900	2,003	10,275	0	365	11,731
19	130.45	33,663	3,573	18,912	3,154	38	900	2,003	9,739	0	495	11,197
20	129.82	31,556	-2,107	13,428	3,114	38	900	1,974	9,600	0	90	11,163
21	128.73	28,062	-3,494	11,316	3,134	32	871	1,948	9,342	0	517	11,230
22	127.46	24,237	-3,825	10,542	3,114	28	855	1,946	9,104	0	680	11,133
23	128.06	26,011	1,774	16,190	3,154	28	851	1,946	9,124	0	687	11,149
24	128.58	27,596	1,585	16,094	3,114	28	851	1,962	9,362	0	808	11,165
25	128.58	27,596	0	15,642	3,094	28	851	1,976	9,739	0	46	11,106
26	128.89	28,563	967	15,534	3,094	28	849	1,978	9,739	0	1,120	11,038
27	130.14	32,618	4,055	18,938	3,055	28	853	1,978	9,739	0	770	10,990
28	131.28	36,538	3,920	18,964	3,035	28	853	1,978	9,739	0	589	10,992
29	131.68	37,962	1,424	16,605	3,015	28	851	1,962	9,739	0	410	10,994
30	132.27	40,109	2,147	17,672	3,035	28	851	1,980	9,739	0	108	10,998
31	131.84	38,539	-1,570	12,822	3,015	28	849	2,023	9,739	0	1,260	11,004
Total		-4,303		514,731	98,100	851	28,260	63,820	341,102	0	13,099	389,022

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

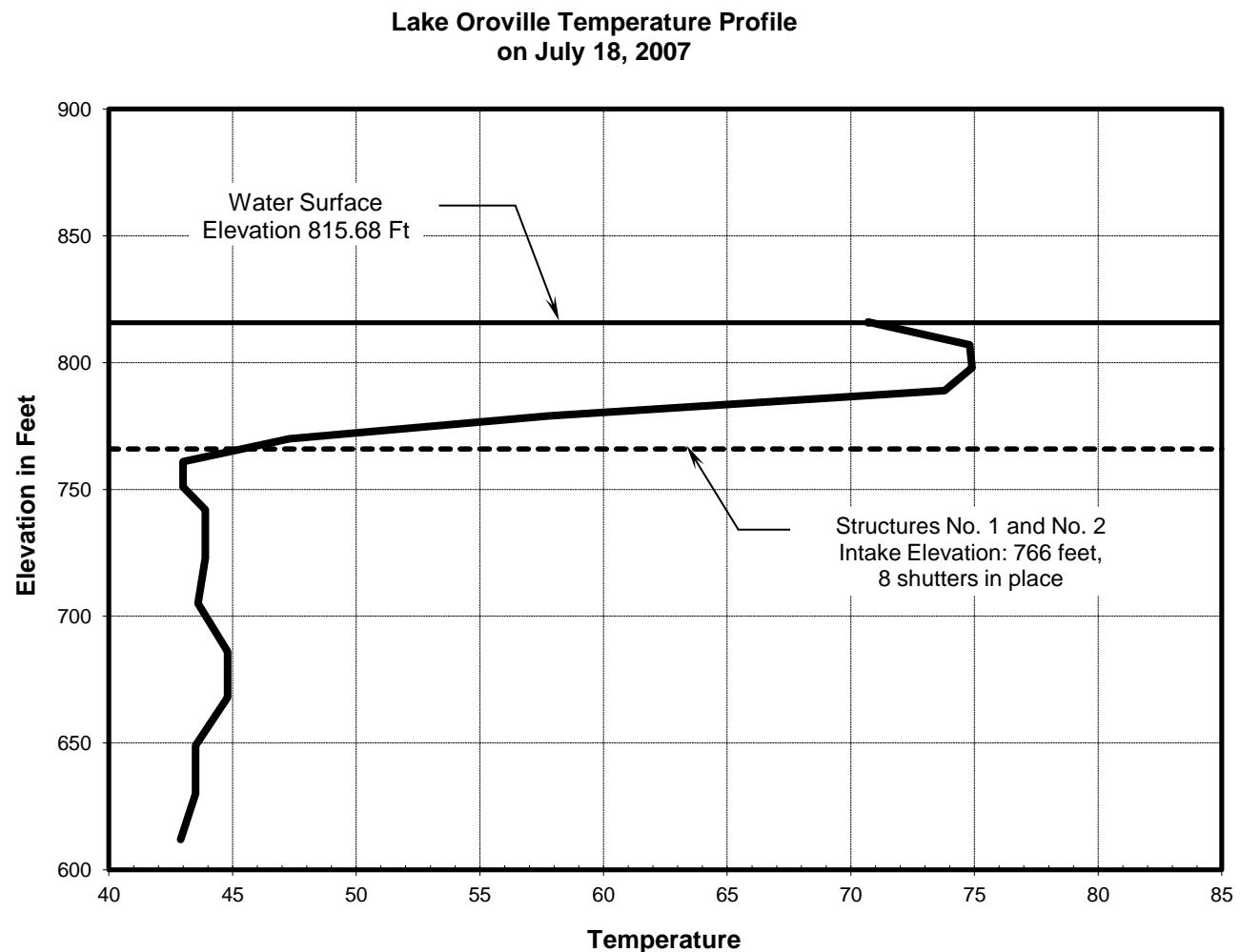
**Table 7. Oroville-Thermalito Complex**

Water Temperature Data

(in degrees Fahrenheit)

July 2007

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	61	59
2	63	60
3	64	60
4	65	56
5	67	56
6	68	56
7	65	56
8	63	58
9	63	58
10	62	59
11	62	59
12	64	36
13	65	51
14	66	58
15	66	57
16	66	58
17	64	58
18	63	59
19	64	60
20	64	61
21	66	61
22	67	61
23	68	60
24	68	58
25	67	58
26	66	57
27	65	55
28	64	56
29	63	57
30	63	58
31	64	58



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Mile			Table A		Permit	Article 21		
	No.	Structure				Benicia	Vallejo				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	7,845	300 413 2,179	89	1/ 882	1,593		
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	389						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	413						
				Solano County Water Agency Fairfield / Vacaville 42"	2,179						
	2		17.00	Solano County Water Agency Central Solano	Stub						
	3A	Cordelia Forebay	21.23								
		Cordelia Pumping Plant & Cordelia Spillway	21.30		4,739						
3B	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	2,475	1,370	17	2/ 213			
				Solano County Water Agency Benicia	1,370						
		Cordelia Surge Tank	23.33								
		Creston Surge Tank Connection	25.65								
			26.95	Napa County Flood Control & WCD American Canyon 2	17						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	533						
			27.60	Napa County Flood Control & WCD American Canyon 1	344						

1/ Includes 31 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon and 851 AF of Solano County WA entitlement to the City of Vallejo.

2/ Solano Permit sold to Napa (Reach 3B) for delivery to American Canyon.

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**July 2007**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	269	152	10,515	10,515	586	92	0	0
2	263	148	11,965	11,965	500	0	0	0
3	268	153	10,879	10,879	431	0	0	0
4	267	155	11,570	11,570	544	38	0	0
5	265	157	10,514	10,514	585	67	0	0
6	261	153	11,415	11,415	614	5	0	0
7	251	154	11,033	11,033	535	0	0	0
8	240	147	10,828	10,828	580	0	0	0
9	242	148	11,518	11,518	614	0	0	0
10	254	159	11,156	11,156	597	0	0	0
11	254	159	12,298	12,298	593	0	0	0
12	245	150	12,413	12,413	573	0	0	0
13	249	171	12,741	11,175	580	0	0	0
14	258	136	13,855	12,289	597	0	0	0
15	261	160	15,840	14,274	584	0	0	0
16	261	162	12,775	11,209	598	0	0	0
17	254	159	13,642	12,076	586	0	0	0
18	240	147	13,993	12,427	611	0	0	0
19	222	124	14,514	12,948	604	0	0	0
20	250	152	13,746	12,180	600	0	0	0
21	259	160	13,871	12,305	584	0	0	0
22	260	161	13,672	12,106	595	0	0	0
23	253	153	13,252	11,686	599	0	0	0
24	253	152	13,676	12,110	574	0	0	0
25	248	147	9,518	7,949	578	0	0	0
26	250	158	15,916	14,350	605	0	0	0
27	262	155	15,336	13,770	605	0	0	0
28	250	154	14,422	12,856	604	0	0	0
29	250	155	14,170	12,604	609	0	0	0
30	250	156	13,850	12,284	630	0	0	0
31	236	142	13,883	12,317	623	0	0	0
Total	7,845	4,739	398,776	369,019	18,118	202	0	0

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

**July 2007**

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	0:01	5:00	7:30	15:14	17:15				13,225
2		4:45	8:15	14:45	17:45				12,658
3		6:30	9:00	14:49	18:30				10,589
4		7:30	9:45	16:00	19:15				11,094
5		5:40	6:35	8:30	10:45	16:20	19:45		11,130
6		4:02	7:41	9:30	11:45	17:30	20:30		11,563
7		4:25	9:25	10:45					9,967
8	1:45	6:30	11:00	23:45					11,465
9	2:30	8:50	12:15	20:40					11,881
10	0:15	3:15	6:30	10:00	13:00	21:08			11,882
11	0:10	1:15	4:15	11:00	14:00	23:17			13,212
12	0:02	2:30	5:00	9:25	15:00				12,806
13		3:15	6:00	10:55	15:45				11,793
14		4:15	6:45	11:58	15:35				13,740
15		5:00	7:30	14:15	17:15	21:52			14,197
16	0:01	6:00	8:15	14:45	17:45	23:15			14,176
17	0:01	6:45	9:00	15:30	18:30	23:35			14,207
18	0:01	7:45	9:45	16:00	19:00				14,216
19		8:45	10:45	16:11	19:45				13,805
20		9:45	11:30	16:11	20:15				14,238
21		6:45	9:45	16:52	18:20	22:00			12,444
22	1:50	7:45	10:45	21:48					14,202
23	1:48	8:49	11:45	22:05					14,232
24	2:30	9:45	12:45	22:20					14,222
25	3:15	10:30	13:30						13,060
26		1:45	4:15	10:50	14:15				14,051
27		2:45	5:00	12:00	15:00	22:00			14,235
28	0:01	3:30	5:45	12:30	15:30	22:00			14,133
29	0:10	4:00	6:30	13:50	16:15	22:20			14,170
30	0:01	4:45	7:15	13:45	16:45	22:40			14,254
31	0:01	5:30	8:00	13:45	17:30	22:35			14,228
Total inflow for the month in AF:									405,075

**Table 11. Governor Edmund G. Brown California Aqueduct**

Delta Field Division, Monthly Deliveries

**July 2007**

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	USBR	Local	Pool A	Local Other	
	No.	Structure	Mile								
				1.83	Byron-Bethany I.D.	4,213				4,213	
1	1	Banks Pumping Plant	3.32			398,776	46	4			
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)		18,118					
		Check No. 1	5.95								
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course		46					
	2	Check No. 2	12.01								
	3		12.47	Musco Olive		4					
		Check No. 3	18.29								
	4		22.16	Tracy Golf & Country Club		0					
		Check No. 4	23.99								
	5	Check No. 5	29.73								
	6	Check No. 6	34.24								
	7		35.22	Turlock Fruit Company Inflow		0					
		Check No. 7	39.91								
2A	8		42.46	Oak Flat Water District-A		40	13	173	188	27	
			42.9	Western Hills WD		173					
			43.81	Oak Flat Water District-B		188					
			44.64	Oak Flat Water District-C		65					
		Check No. 8	45.97								
	9		46.18	Oak Flat Water District-D		282	282	0	0	27	
				Oak Flat Totals:		575					
	10	Check No. 9	51.3				548	0	0	0	
		Check No. 10	56.86								
		Check No. 11	61.4								
	11		66.14	Veteran's Cemetery		12	12				
		Check No. 12	66.71			373,991					

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Article 21	Pool A	Local	Rec.		
	No.	Structure										
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	18,118	4	42	1,183	378			
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	4							
	2	Check No. 1	3.91									
		Check No. 2	5.21									
	3		7.21	Zone 7 Water Agency Altamont	42							
2		Check No. 3	9.49	Zone 7 Water Agency Patterson Inflow Exchange		82	96	47	86	45		
				Project Water	1,561							
4	4	Check No. 4	10.68			82	96	47	86	45		
	5	Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	82							
			14.16	Zone 7 Water Agency Wente #2	96							
			14.31	Zone 7 Water Agency Ising	47							
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	0							
		Check No. 7	16.38									
	8	Del Valle Branch Pipeline Junction	16.57	Zone 7 Water Agency Wente #3	0	558	102	57	21	21		
			16.63	Zone 7 Water Agency Wente #4	86							
			16.69	Zone 7 Water Agency Norman Nursery	0							
		Deliveries through Del Valle Branch Pipeline	16.70	Zone 7 Water Agency Concannon Project Water	45							
			18.63	Pumped into Lake Del Valle	202							
				Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	0							
		Zone 7 Water Agency Arroyo Valle #1 & #2 Storage Exchange Project Water Inflow Exchange			558							
				East Bay Regional Park Dist. Del Valle Recreation	57							
				Zone 7 Water Agency Wente #5	21							
					102							
6		Zone 7 Water Agency So. Livermore Project Inflow Release Stored Exchange Project Water	19.20		0	3,414	167	1,389	2,266	469		
			19.21	Zone 7 Water Agency Kalthrof Detjens	0							
7	La Costa Tunnel	ACWD Vallecitos Project Water City of San Francisco San Antonio	22.50		0							
			25.97		0							
8	Mission Tunnel	ACWD - Bayside 1 & 2 Inflow Release Storage Release Project Water Storage Exchange	28.97		0	7,475	469	57	21	21		
				S.C.V.W.D. Meter	0							
9	Santa Clara Pipeline	35.86			7,944							

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

July 2007

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Jun 30	698.61	36,884									
1	698.75	36,978	94	15	92	0	0	1	12	13	0.00
2	698.73	36,964	-13	0	0	0	0	1	12	13	0.00
3	698.71	36,951	-13	7	0	0	0	1	19	20	0.00
4	698.78	36,998	47	26	38	0	0	1	16	17	0.00
5	698.85	37,045	47	-1	67	0	0	1	18	19	0.00
6	698.87	37,059	14	25	5	0	0	1	15	16	0.00
7	698.84	37,039	-20	-2	0	0	0	1	17	18	0.00
8	698.83	37,032	-7	5	0	0	0	1	11	12	0.00
9	698.80	37,012	-20	-3	0	0	0	1	16	17	0.00
10	698.78	36,998	-14	-2	0	0	0	1	11	12	0.00
11	698.77	36,991	-7	1	0	0	0	1	7	8	0.00
12	698.75	36,978	-14	2	0	0	0	1	15	16	0.00
13	698.74	36,971	-7	1	0	0	0	1	7	8	0.00
14	698.70	36,944	-27	-12	0	0	0	1	14	15	0.00
15	698.67	36,924	-20	-8	0	0	0	1	11	12	0.00
16	698.65	36,910	-13	5	0	0	0	1	17	18	0.00
17	698.65	36,910	0	12	0	0	0	1	11	12	0.00
18	698.61	36,884	-27	-17	0	0	0	1	9	10	0.00
19	698.59	36,870	-13	-4	0	0	0	1	8	9	0.00
20	698.56	36,850	-20	-8	0	0	0	1	11	12	0.00
21	698.57	36,857	7	19	0	0	0	1	11	12	0.00
22	698.53	36,830	-27	-15	0	0	0	0	12	12	0.00
23	698.52	36,823	-7	3	0	0	0	0	10	10	0.00
24	698.49	36,803	-20	-3	0	0	0	0	17	17	0.00
25	698.49	36,803	0	11	0	0	0	0	11	11	0.00
26	698.49	36,803	0	11	0	0	0	0	11	11	0.00
27	698.49	36,803	0	12	0	0	0	0	12	12	0.00
28	698.49	36,803	0	13	0	0	0	0	13	13	0.00
29	698.40	36,742	-61	-49	0	0	0	0	12	12	0.00
30	698.39	36,735	-7	10	0	0	0	0	17	17	0.00
31	698.37	36,722	-13	0	0	0	0	0	13	13	0.00
Total		-161	58	202	0	0	21	400	421	0.00	

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations

**July 2007**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)	
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/		
Jun 30	220.36	44,088											
1	220.86	45,394	1,306	0	661	3,815	4,214	55	0	7,910	27	-40	
2	222.32	49,235	3,841	0	808	2,533	5,780	0	0	7,196	27	38	
3	221.51	47,099	-2,136	0	679	2,090	4,850	0	0	8,628	27	-41	
4	219.89	42,867	-4,232	0	427	1,335	5,543	0	0	9,221	27	-191	
5	220.13	43,489	622	0	208	3,108	5,383	0	0	8,281	21	-83	
6	220.33	44,009	520	0	275	5,256	5,188	0	907	9,184	21	-345	
7	220.36	44,088	79	0	400	5,243	5,476	0	1,449	9,311	21	-298	
8	221.03	45,839	1,751	0	369	5,271	4,407	0	1,106	7,902	21	-135	
9	222.32	49,235	3,396	0	501	4,660	5,711	0	1,492	7,673	21	26	
10	222.35	49,314	79	0	648	4,734	5,478	0	2,013	8,647	21	-139	
11	222.15	48,783	-531	0	678	4,794	5,278	0	2,378	8,748	21	129	
12	222.15	48,783	0	0	713	4,198	6,286	0	2,030	9,235	30	98	
13	222.09	48,624	-159	0	820	2,806	6,036	0	1,904	7,960	30	152	
14	222.80	50,513	1,889	0	846	4,195	6,471	0	2,707	8,098	30	275	
15	224.00	53,727	3,214	0	896	3,055	7,637	0	3,067	7,308	30	437	
16	222.58	49,926	-3,801	0	1,013	1,965	6,041	0	3,365	7,403	30	-137	
17	220.69	44,949	-4,977	0	994	0	6,412	0	3,088	7,415	30	618	
18	219.96	43,048	-1,901	0	735	0	6,710	0	765	7,761	30	153	
19	220.07	43,334	286	0	735	925	6,655	0	1,125	7,141	31	126	
20	221.63	47,414	4,080	0	662	2,907	6,347	0	0	7,787	31	-41	
21	221.80	47,861	447	0	741	974	6,941	0	1,545	6,976	31	121	
22	220.98	45,708	-2,153	0	891	0	6,403	0	780	7,670	31	102	
23	221.29	46,521	813	0	943	974	6,286	0	775	6,980	31	-7	
24	223.88	53,404	6,883	0	927	4,521	6,652	0	780	7,826	31	7	
25	221.88	48,071	-5,333	0	960	2,380	4,543	0	2,370	8,578	33	409	
26	222.03	48,464	393	0	1,065	1,935	7,495	0	3,115	7,526	28	372	
27	222.16	48,810	346	0	1,116	1,691	7,592	0	2,093	8,260	28	156	
28	222.55	49,847	1,037	0	1,126	1,087	6,785	0	1,053	7,492	28	98	
29	221.82	47,914	-1,933	0	1,183	0	7,366	0	1,575	8,086	28	165	
30	221.42	46,863	-1,051	0	1,279	0	6,471	0	1,555	7,100	28	403	
31	221.06	45,918	-945	0	1,286	1,460	6,112	0	1,171	8,195	28	60	
Total				1,830	0	24,585	77,912	188,549	55	44,208	247,498	852	2,488
Mean cfs				---	0	793	2,513	6,082	2	1,426	7,984	27	80
Acre-feet				1,830	0	48,760	154,538	373,991	109	87,687	490,909	1,689	4,935

1/ Pump-in located at Mile 79.67R.

2/ Includes 84 AF delivered to DFG at O'Neill Forebay, 3 AF to Parks & Rec., 0 AF to the Cattle Program and 1,602 AF to San Luis Water District.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

July 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Jun 30	398.31	509,533							
1	397.21	500,899	-8,634	0	3,815	294	0	-244	
2	396.49	495,277	-5,622	0	2,533	341	0	40	
3	395.85	490,300	-4,977	0	2,090	369	0	-50	
4	395.43	487,044	-3,256	0	1,335	366	0	59	
5	394.55	480,248	-6,796	0	3,108	362	0	44	
6	393.30	470,655	-9,593	907	5,256	335	0	-152	
7	392.20	462,273	-8,382	1,449	5,243	329	0	-103	
8	391.00	453,192	-9,081	1,106	5,271	312	0	-101	
9	389.72	443,580	-9,612	1,492	4,660	313	0	-1,365	
10	388.90	437,462	-6,118	2,013	4,734	302	0	-61	
11	388.12	431,671	-5,791	2,378	4,794	297	0	-207	
12	387.43	426,573	-5,098	2,030	4,198	288	0	-114	
13	387.08	423,995	-2,578	1,904	2,806	298	0	-100	
14	386.55	420,103	-3,892	2,707	4,195	300	0	-174	
15	386.35	418,637	-1,466	3,067	3,055	258	0	-493	
16	386.56	420,176	1,539	3,365	1,965	288	0	-336	
17	387.21	424,952	4,776	3,088	0	295	0	-385	
18	387.36	426,057	1,105	765	0	292	0	84	
19	387.28	425,467	-590	1,125	925	294	0	-203	
20	386.39	418,930	-6,537	0	2,907	337	0	-52	
21	386.42	419,150	220	1,545	974	299	0	-161	
22	386.51	419,809	659	780	0	270	0	-178	
23	386.34	418,564	-1,245	775	974	286	0	-143	
24	385.25	410,611	-7,953	780	4,521	288	0	19	
25	385.05	409,158	-1,453	2,370	2,380	288	0	-435	
26	385.12	409,666	508	3,115	1,935	289	0	-635	
27	385.10	409,521	-145	2,093	1,691	291	0	-184	
28	385.00	408,795	-726	1,053	1,087	301	0	-31	
29	385.30	410,974	2,179	1,575	0	263	0	-213	
30	385.58	413,013	2,039	1,555	0	283	0	-244	
31	385.39	411,629	-1,384	1,171	1,460	344	1	-64	
Total			-97,904	44,208	77,912	9,472	1	-6,182	
Mean cfs			---	1,426	2,513	306	0	-199	
Acre-feet			-97,904	87,687	154,538	18,795	1	-12,257	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 14,633 AF, Casa De Fruta 0 AF, and San Benito 4,162 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**July 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	15,690	10,480	7,567	3,547	0	0	584
2	14,274	8,900	5,025	654	0	0	677
3	17,113	11,785	4,146	507	0	0	731
4	18,289	13,033	2,647	537	0	0	726
5	16,425	11,126	6,164	4,088	0	0	719
6	18,217	13,037	10,425	3,932	1,800	1,800	664
7	18,468	13,349	10,400	4,138	2,874	2,874	652
8	15,673	10,513	10,455	4,272	2,194	2,194	619
9	15,219	9,893	9,244	2,534	2,960	2,960	620
10	17,151	11,856	9,389	7,817	3,993	3,993	600
11	17,351	12,050	9,509	5,011	4,716	4,716	590
12	18,317	13,343	8,327	5,296	4,027	4,027	571
13	15,789	10,210	5,565	2,711	3,777	3,777	591
14	16,036	10,457	8,321	5,441	5,369	5,369	596
15	14,496	8,950	6,060	3,415	6,083	6,083	511
16	14,683	9,437	3,897	421	6,674	6,674	572
17	14,708	9,461	0	0	6,125	6,125	585
18	15,393	10,213	0	0	1,517	1,517	579
19	14,164	9,012	1,834	1,834	2,231	2,231	584
20	15,445	11,188	5,767	3,779	0	0	669
21	13,863	9,635	1,931	-117	3,065	3,065	594
22	15,214	10,944	0	0	1,547	1,547	535
23	13,844	9,593	1,931	-105	1,537	1,537	568
24	15,523	11,227	8,967	6,936	1,547	1,547	572
25	17,015	12,712	4,721	4,721	4,701	4,701	572
26	14,928	10,612	3,838	3,838	6,179	6,179	573
27	16,384	13,123	3,355	2,221	4,151	4,151	578
28	14,861	11,601	2,157	989	2,089	2,089	597
29	16,039	12,827	0	0	3,124	761	522
30	14,082	10,830	0	0	3,084	761	561
31	16,255	12,988	2,896	2,896	2,323	0	683
Total	490,909	344,385	154,538	81,313	87,687	80,678	18,795

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**

Daily Operations

July 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jun 30	325.18	19,365					
1	325.15	19,352	-13	0	0	0	-13
2	325.13	19,343	-9	0	0	0	-9
3	325.12	19,338	-5	0	0	0	-5
4	325.11	19,334	-4	0	0	0	-4
5	325.09	19,325	-9	0	0	0	-9
6	325.04	19,302	-23	0	0	0	-23
7	325.01	19,288	-14	0	0	0	-14
8	324.99	19,279	-9	0	0	0	-9
9	324.96	19,266	-13	0	0	0	-13
10	324.93	19,252	-14	0	0	0	-14
11	324.90	19,238	-14	0	0	0	-14
12	324.87	19,225	-13	0	0	0	-13
13	324.86	19,220	-5	0	0	0	-5
14	324.84	19,211	-9	0	0	0	-9
15	324.81	19,198	-13	0	0	0	-13
16	324.78	19,184	-14	0	0	0	-14
17	324.73	19,162	-22	0	0	0	-22
18	324.70	19,148	-14	0	0	0	-14
19	324.68	19,139	-9	0	0	0	-9
20	324.65	19,125	-14	0	0	0	-14
21	324.62	19,112	-13	0	0	0	-13
22	324.60	19,103	-9	0	0	0	-9
23	324.59	19,098	-5	0	0	0	-5
24	324.56	19,085	-13	0	0	0	-13
25	324.52	19,067	-18	0	0	0	-18
26	324.49	19,053	-14	0	0	0	-14
27	324.46	19,040	-13	0	0	0	-13
28	324.44	19,031	-9	0	0	0	-9
29	324.41	19,017	-14	0	0	0	-14
30	324.38	19,004	-13	0	0	0	-13
31	324.35	18,990	-14	0	0	0	-14
Total			-375	0	0	0	-375
Mean cfs			---	0	0	0	---
Acre-feet			-375	0	0	0	-375

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

July 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jun 30	602.00	792					
1	602.00	792	0	0	0	0	0
2	602.00	792	0	0	0	0	0
3	602.00	792	0	0	0	0	0
4	602.00	792	0	0	0	0	0
5	602.00	792	0	0	0	0	0
6	602.00	792	0	0	0	0	0
7	602.00	792	0	0	0	0	0
8	602.00	792	0	0	0	0	0
9	602.00	792	0	0	0	0	0
10	602.00	792	0	0	0	0	0
11	602.00	792	0	0	0	0	0
12	602.00	792	0	0	0	0	0
13	601.70	775	-17	0	0	0	-17
14	601.70	775	0	0	0	0	0
15	601.70	775	0	0	0	0	0
16	601.70	775	0	0	0	0	0
17	601.70	775	0	0	0	0	0
18	601.70	775	0	0	0	0	0
19	601.70	775	0	0	0	0	0
20	601.30	752	-23	0	0	0	-23
21	601.30	752	0	0	0	0	0
22	601.30	752	0	0	0	0	0
23	601.30	752	0	0	0	0	0
24	601.30	752	0	0	0	0	0
25	601.30	752	0	0	0	0	0
26	601.20	747	-5	0	0	0	-5
27	601.20	747	0	0	0	0	0
28	601.20	747	0	0	0	0	0
29	601.20	747	0	0	0	0	0
30	601.10	741	-6	0	0	0	-6
31	601.00	736	-5	0	0	0	-5
Total			-56	0	0	0	-56
Mean cfs			---	0	0	0	---
Acre-feet			-56	0	0	0	-56

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries				
	Beginning and Ending		Structure			USBR	Transfer	DWR	USBR	
	No.	Structure	Mile	Recreation				Recreation		
2B	12	Check No. 12	66.71		373,991					
3A	San Luis Reservoir			Department of Parks and Recreation	1	14,633		1	0	
				San Felipe Division Santa Clara Water District	14,633					
				Casa de Fruta Santa Clara Water District	0					
				San Felipe Division San Benito Water District	4,162					
				Reach 3A Subtotal:	18,796		18,795	0	1	
3	O'Neill Forebay	70.85	Department of Parks and Recreation	3		14,633		2	1	
			Cattle Program	0				0	0	
			Department of Fish & Game	84				46	38	
		70.91 Thru 85.08	San Luis Water District	1,602		1,602				
			(Floodwater Inflow)	0						
			Reach 3 Subtotal:	1,689			1,602	0	48	
	Dos Amigos Pumping Plant	86.73			490,909				39	
4	14	89.03 Thru 94.06	San Luis Water District	10,505		10,505				
			Pacheco Water District	2,434						
			Panoche Water District	56						
			City of Dos Palos	202						
		Check No. 14	95.06							
		98.15 Thru 104.20	San Luis Water District	1,229		1,229				
			Panoche Water District	7,896						
			(Floodwater Inflow)	0						
			Broadview Water District	0						
			Westlands Water District	16,598						
	15	Check No.15	108.50							
			Reach 4 Subtotal:	38,920		38,920	0	0	0	
			San Felipe Division Total:	18,795		18,795	0	0	0	
			Pacheco Water District Total:	2,434		2,434	0	0	0	
			Broadview Water District Total:	0		0	0	0	0	
			City of Dos Palos Total:	202		202	0	0	0	
			SLWD Reach 4 Subtotal:	11,734		11,734	0	0	0	
			Panoche Water District Total:	7,952		7,952	0	0	0	
			SLWD Total:	13,336		13,336	0	0	0	
			Westlands WD Reach 4 Subtotal:	16,598		16,598	0	0	0	

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation				
	No.	Structure											
5	16		110.52	(Reverse flow, Kings River)	0	22,694	1	0	0				
				Westlands Water District	22,694								
				Thru Dept. of Fish and Game @ Lat. 4L	1								
				122.05 Dept. of Fish and Game @ Lat. 6L	0								
				Dept. of Fish and Game @ Lat. 7L	0								
	17	Check No. 16	122.07			13,144		0	0				
			124.18	Westlands Water District	13,144								
			Thru 132.74										
	18	Check No. 17	132.95			17,340	937	1	0				
			133.81	Westlands Water District	17,340								
			Thru 142.61										
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	12,322								
			143.16	City of Coalinga	937								
			Check No. 18										
				Reach 5 Subtotal:	66,438	66,437	0	1	0				
6	19		145.26	GWF Energy	0		4	2/ 411	0				
				City of Huron	4								
				Kings County to Lemoore NAS Through WWD	411								
				Kings County through WWD 30L	0								
				Westlands Water District	24,263		24,263	411	0				
		Check No. 19	155.64										
				Reach 6 Subtotal:	24,678								
7	20		156.34	City of Huron	136	136	288	0	0				
			156.40	SWP Construction @ Lat. 24R	0								
			Thru	Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L	0								
			163.69	Westlands Water District	12,756								
		Check No. 20	164.69										
	21		164.79	City of Avenal	288	12,756	4,462	0	0				
			167.04	Westlands Water District	4,462								
			171.67										
		Check No. 21	172.40		349,060								
				Reach 7 Total:	17,642	17,642	0	0	0				
				SWP Construction Total:	0	0	0	0	0				
				Westlands WD Total:	123,579	123,579	0	0	0				
				City of Coalinga Total:	937	937	0	0	0				
				City of Huron Total:	140	140	0	0	0				
				Kings County to Lemoore NAS Through WWD	411	0	411	0	0				
				City of Avenal Total:	288	288	0	0	0				
				Total San Luis Field Division Deliveries:	168,163	167,663	411	49	40				

1/ Hansen from Tulare Lake Basin WSD to Vista Verde and Newton.

2/ Long-term POD from County of Kings to Lemoore Naval Air Base.

3/ Long-term POD from County of Kings.

4/ Westlake Farms from Tulare Lake Basin WSD.

**Table 20. Consolidated State-Federal San Luis Canal 1/**

Daily Operations  
July 2007

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	
Jun 30	29,962							
1	30,005	43	0	7,910	264	137	2,381	5,823
2	29,338	-667	0	7,196	264	137	2,381	5,107
3	29,358	20	0	8,628	264	137	2,381	5,796
4	28,843	-515	0	9,221	268	138	2,382	6,716
5	28,443	-400	0	8,281	258	152	2,436	5,477
6	28,354	-89	0	9,184	258	152	2,436	6,473
7	29,714	1,360	0	9,311	258	152	2,436	5,795
8	30,006	292	0	7,902	258	152	2,436	5,472
9	29,648	-358	0	7,673	258	152	2,436	5,261
10	29,603	-45	0	8,647	288	152	2,435	5,908
11	29,082	-521	0	8,748	260	152	2,438	6,381
12	30,032	950	0	9,235	211	139	1,995	6,082
13	29,133	-899	0	7,960	211	139	1,995	5,898
14	29,501	368	0	8,098	211	139	1,995	5,481
15	29,600	99	0	7,308	211	139	1,995	5,472
16	29,903	303	0	7,403	211	139	1,995	5,291
17	29,505	-398	0	7,415	211	139	1,995	5,270
18	30,015	510	0	7,761	217	139	1,998	5,194
19	29,283	-732	0	7,141	161	109	1,670	5,322
20	29,842	559	0	7,787	161	109	1,670	5,256
21	28,825	-1,017	0	6,976	161	109	1,670	5,522
22	29,545	720	0	7,670	161	109	1,670	5,678
23	29,023	-522	0	6,980	161	109	1,670	5,349
24	29,094	71	0	7,826	161	109	1,670	5,696
25	29,816	722	0	8,578	164	109	1,671	5,848
26	28,789	-1,027	0	7,526	289	110	1,827	5,785
27	29,101	312	0	8,260	289	110	1,827	5,786
28	28,704	-397	0	7,492	289	110	1,827	5,560
29	29,782	1,078	0	8,086	289	110	1,827	5,750
30	28,887	-895	0	7,100	289	110	1,827	5,649
31	29,107	220	0	8,195	289	110	1,827	5,882
Total		-855	0	247,498	7,245	4,009	63,199	175,982
Mean cfs		---	0	7,984	234	129	2,039	5,677
Acre-feet		-855	0	490,909	14,370	7,952	125,356	349,060

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 2,433 AF AG, 1 AF M&I to Pacheco W.D., 202 AF to the City of Dos Palos and 11,734 AF to San Luis Water District.

3/ Includes 136 AF to the City of Huron, 288 AF to the City of Avenal, 937 AF to the City of Coalinga, 4 AF to City of Coalinga P&R @ 22R, 411 AF to Lemoore N.A.S. @ 29L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 4L, 1 AF to DFG @ 4L, 0 AF to Pilipos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF DFG @ 7L, 0 AF Non-Project Water and 123,579 AF to Westlands Water District.

**Table 21. San Joaquin Field Division Plant Data**

(in acre-feet)

**July 2007**

Date	Coastal Aqueduct					California Aqueduct				
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	
23	1	729	729	118	111	122	8,197	8,196	7,641	7,676
	2	756	756	120	113	122	7,212	7,167	6,653	6,506
	3	740	740	120	111	122	7,661	7,343	6,763	6,691
	4	755	755	113	105	116	8,088	7,874	7,275	7,069
	5	770	770	119	110	120	7,470	7,109	6,519	6,434
	6	761	761	122	114	123	7,814	7,268	6,649	6,603
	7	744	744	118	110	119	7,854	7,392	6,843	6,651
	8	754	754	120	112	122	8,219	8,068	7,576	7,865
	9	750	750	113	106	115	7,396	7,287	6,779	6,701
	10	773	773	117	110	119	7,743	7,294	6,731	6,701
	11	749	749	116	108	117	7,894	7,641	6,951	6,934
	12	785	785	120	113	123	8,233	7,815	7,244	7,115
	13	765	765	116	108	118	8,222	7,871	7,384	7,061
	14	798	798	132	124	134	8,119	7,577	6,993	7,235
	15	781	781	116	106	118	8,163	8,398	7,861	7,757
	16	790	790	128	119	129	8,003	8,020	7,426	7,371
	17	786	786	109	100	111	8,272	7,738	7,184	7,374
	18	784	784	110	102	111	8,008	7,732	7,215	7,008
	19	769	769	114	117	116	7,648	7,495	6,974	6,859
	20	804	804	118	109	119	8,035	7,672	7,238	7,021
	21	799	799	127	118	131	7,938	7,752	7,242	7,232
	22	799	799	126	119	126	8,380	8,450	8,010	7,976
	23	799	799	116	107	117	7,624	7,747	7,289	7,182
	24	814	814	121	112	122	7,992	7,873	7,315	7,134
	25	778	778	112	103	120	8,192	7,742	7,215	7,133
	26	696	696	104	97	106	8,087	7,901	7,335	7,164
	27	635	635	126	120	128	8,109	7,684	7,171	7,170
	28	707	707	115	107	117	7,930	7,770	7,316	7,162
	29	747	747	118	110	119	8,346	8,305	7,957	7,950
	30	607	607	116	111	122	7,667	7,673	7,219	7,117
	31	670	670	107	97	121	8,087	7,744	7,239	7,117
Total		23,394	23,394	3,647	3,409	3,725	246,603	239,598	223,207	220,969

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	USBR	Pool A	Exchange	Transfer	Recovery 1/		
	No.	Structure											
7	21	Check No. 21	172.40		349,060								
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	0	368 2,128 191 395 1,206 4,355 5,098 1,311 9 1,521	7 14 417 24 2/ 2,000						
				County of Kings TL - A	375								
				Tulare Lake Basin WSD TL-A	2,142								
				175.18 Dudley Ridge WD - 1	191								
				177.54 Dudley Ridge WD - 1B	395								
				180.64 Tulare Lake Basin WSD - C	0								
				180.65 Dudley Ridge WD - 1A	1,206								
				182.99 Dudley Ridge WD - 2	4,355								
				183.00 Tulare Lake Basin WSD TL - B	5,515								
				County of Kings TL-B	1,335								
31A				184.00 Dudley Ridge WD - Paramount	9	7,677 7,226	0 0	2,000 0	0 0	0 0	0 0		
				184.63 Coastal Branch	23,394								
8D				184.78 Dudley Ridge WD - 3	3,521	7,677 7,226	0 431	2,000 0	0 0	0 0	0 0		
				Dudley Ridge Reach 8D Total:	9,677								
9	23		189.69	Tulare Lake Basin WSD Total:	7,657								
				Kern County Water Agency Lost Hills Water Dist. - 1	10,211	1,300					8,911		
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	1,949								
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	519								
				196.40 Kern County Water Agency Berrenda Mesa - 2	1,425								
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	745								
				KCWA Reach 9 Subtotal:	14,849								
				Check No. 23	197.05								
			201.24	Kern County Water Agency Lost Hills Water Dist. - 7	1,589		959 76 191				1,589		
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	1,998								
10A	24			204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0								
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	6								
		Check No. 24	207.94										
		209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	3,431	0 0 0 0 0					3,431			
			Kern National Wildlife Refuge USBR BV-1B	0									
			209.78 Kern County Water Agency Buena Vista WSD 1B	959									
			209.80 KCWA Semitropic WSD	76									
			KCWA Semitropic WSD Penstocks	7,249									
		209.80	USBR Total:	0	3/ 7,058					0 0			
			KCWA Reach 10A Subtotal:	15,308									

1/ Recovery of Same Federal Contractor Pump-In

2/ SGVMWD Exchange of Table A Water

3/ Includes 6,058 AF of Article 55 deliveries to KCWA and 1,000 AF of DWRD's Table A delivered to KCWA on behalf of common land owner.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool		Turnout	Total Diver-sions	Deliveries						
	Beginning and Ending				Table A	USBR	Pool A	Exchange	Transfer	Recovery 2/	
	No.	Structure	Mile								
11B	25		210.75	Kern County Water Agency Belridge - 2	0	8,358				1,047	
			214.11	Kern County Water Agency Belridge - 3	1,047						
			216.62	Kern County Water Agency Belridge - 4	0						
			217.13	Kern County Water Agency Belridge - 5	15,863						
				Kern County Water Agency Belridge - 5D	282						
			Check No. 25	217.79							
				KCWA Reach 11B Subtotal:	17,192	8,640	0	0	0	8,552	
12D	26		219.58	Kern County Water Agency Belridge - 6	0	413					
				Kern County Water Agency West Kern - 3	413						
			Check No. 26	224.92							
12E	27		230.37	Kern County Water Agency Buena Vista - 6	4,894	4,894					
			Check No. 27	231.73							
			235.75	Kern County Water Agency Buena Vista - 2	8,784		4,684			3/ 4,100 4/ 3,689	
				Kern County WA CVC	3,689						
				DRWD CVC	0						
				Tulare Co.	0						
			238.04	Lower Tule River	0						
				Fresno Co.	0						
				Pixley ID	0						
				Hacienda DWR Wells	0						
			Check No. 28	238.11							
				1/ Arvin Edison Total:	0	0	0	0	0	0	
				Reach 12E Subtotal:	17,367	9,578	0	0	7,789	0	
13B	29		238.19	Kern Water Bank Inflow	0	11,141					
				Kern Water Bank Outflow	0						
			241.02	Kern River Intertie (inflow)	0						
			242.85	KCWA Buena Vista WSD - 7	11,141						
				KCWA Buena Vista WSD - 5	791						
			243.09	Kern County Water Agency Buena Vista - 3	3,815						
			Check No. 29	244.54							
				249.85	Kern County Water Agency Buena Vista - 4	2,007	3,815				
			Buena Vista Pumping Plant	250.99							
				KCWA Reach 13B Subtotal:	17,754	17,754	0	0	0	0	
14A	31		254.47	Kern County Water Agency West Kern - 2	0	3				300	
				Kern County Water Agency Wheeler Ridge-Maricopa - 2	303						

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Recovery of Same Federal Contractor Pump-In

3/ Castaic Lake WA Table A delivered to Rosedale Rio Bravo for banking.

4/ Includes 1,824 AF of CVC allocated water to Arvin Edison WSD and 1,865 AF Article 55 Deliveries to KCWA.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries									
	Beginning and Ending					Table A	USBR	Pool A	Exchange	Transfer	Recovery 1/				
	No.	Structure	Mile												
14A	31	Check No. 31	256.14			795	795				1,000				
	32		258.61		Kern County Water Agency Wheeler Ridge-Maricopa - 3										
			260.44		Kern County Water Agency Wheeler Ridge-Maricopa - 4										
			Check No. 32		261.72										
					KCWA Reach 14A Subtotal:	2,923	1,623	0	0	0	1,300				
14B	33		264.42		Kern County Water Agency Wheeler Ridge-Maricopa - 5	6,572	6,572								
			266.91		Kern County Water Agency Wheeler Ridge-Maricopa - 6										
			Check No. 33		267.36										
	34		270.24		Kern County Water Agency Wheeler Ridge-Maricopa - 7	3,877	3,877								
			Check No. 34		271.27										
					Reach 14B Total:	11,604	11,604	0	0	0	0				
14C	35		272.39		Kern County Water Agency Wheeler Ridge-Maricopa - 8	2,645	2,645								
			276.09		Kern County Water Agency Wheeler Ridge-Maricopa - 9			813							
			277.30		Kern County Water Agency Arvin-Edison WSD										
					Reach 14C Total:	3,458	3,458	0	0	0	0				
	Teerink Pumping Plant		278.13			239,598									
15A	36		279.02		Kern County Water Agency Wheeler Ridge-Maricopa - 9A	845	845								
			280.06		Kern County Water Agency Wheeler Ridge-Maricopa - 10			6,092							
					Reach 15A Total:	6,937	6,937	0	0	0	0				
	Chrisman Pumping Plant		280.36			223,207									
	37		282.06		Kern County Water Agency Wheeler Ridge-Maricopa - 11	0									
			Check No. 37		283.95										
16A	38		285.01		Kern County Water Agency Wheeler Ridge-Maricopa - 12	32	32								
			286.39		Kern County Water Agency Wheeler Ridge-Maricopa - 13A			98							
			287.06		Kern County Water Agency Wheeler Ridge-Maricopa - 13										
			Check No. 38		287.09										
					Kern County Water Agency Wheeler Ridge-Maricopa - 13B			371							
	39		287.62			371									
			Check No. 39		290.21										
	40		291.26		Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,761	1,761								
			293.07		Kern County Water Agency Wheeler Ridge-Maricopa - 15			600							
					Kern County Water Agency Tehachapi Cummings CWD										
					KCWA Reach 16A Subtotal:	4,105	4,105	0	0	0	0				
17E	Edmonston Pumping Plant		293.45			220,969									

1/ Recovery of Same Federal Contractor Pump-In

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Pool A	Exchange	Transfer	Recovery 1/	
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02	23,394	1,880	16,867	0	0	0	0	
		Las Perillas Pumping Plant	1.16	23,394							
	C-2		3.79	Green Valley Water District							
		Badger Hill Pumping Plant	4.27								
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)							
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	1,880						
			14.83	Kern County Water Agency Berrenda Mesa - 1	16,867						
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		3,647						
				KCWA Reach 31A Subtotal:	18,747	18,747	0	0	0	0	
				KCWA Total:	130,657	85,385	0	0	14,847	30,425	
33A	C-7	Bluestone Pumping Plant	19.05		3,409	3,358	352	0	0	0	
	C-8	Polonio Pass Pumping Plant	26.54		3,725						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	3,358						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	352						
		Energy Dissipater	78.12								
	Lopez T.O.		85.86	SLOCFC & WCD	0						
35	C-12			CCWA Total:	3,710	3,710	0	0	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0						
	So. Cal. Water T.O.	109.20		SBCFC & WCD	0						
38				SBCFC & WCD Total:	0	0	0	0	0	0	
	Tank Site 5	115.42									

1/ Recovery of Same Federal Contractor Pump-In

**Table 24. Southern Field Division Plant Data**

(in acre-feet)

July 2007

Date	West Branch					East Branch								East Branch Extension				
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant	Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley		
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant		Tehachapi Afterbay Bypass	Generation	Leakage	Bypass Flume					
28	1	2,643	1,837	0	0	1,797	1,047	2,983	0	1,008	3,800	3,820	0	0	3,302	30	25	0
	2	2,563	2,601	0	260	5,058	1,588	2,881	0	843	3,802	2,852	0	0	3,532	26	25	0
	3	3,043	2,622	0	366	6,082	496	2,751	0	843	3,330	3,384	0	0	3,519	0	0	0
	4	2,879	2,595	0	377	3,883	2,093	2,956	0	1,017	3,755	3,814	0	0	3,502	0	0	0
	5	2,602	2,569	0	377	6,610	3,035	2,934	0	628	3,394	3,623	0	0	3,628	34	25	0
	6	2,431	2,575	0	377	5,730	845	2,950	0	992	3,592	3,558	0	0	3,531	34	25	0
	7	2,448	2,578	0	377	3,174	1,200	2,695	0	992	3,616	3,538	0	0	3,549	34	26	0
	8	3,494	2,597	0	0	602	2,346	2,884	0	674	3,222	3,317	0	0	3,663	0	0	0
	9	2,474	2,672	0	0	4,379	1,591	3,057	0	1,016	3,650	3,554	0	0	3,544	34	25	0
	10	2,593	2,650	0	0	3,733	1,664	2,589	0	767	2,981	3,012	0	0	3,367	33	25	0
	11	2,553	2,672	0	0	5,278	694	3,149	0	1,041	3,614	3,703	0	0	3,482	34	26	0
	12	3,193	2,701	0	0	5,010	837	2,997	0	793	3,987	3,967	0	0	3,525	32	24	0
	13	2,662	2,696	0	0	6,232	1,823	2,839	0	1,140	3,436	3,443	0	0	3,519	33	25	0
	14	2,662	1,737	0	0	1,010	0	2,882	0	1,057	3,800	3,718	0	0	3,281	32	24	0
	15	2,987	1,837	0	594	234	1,120	2,974	0	1,190	3,790	3,896	0	0	3,222	27	18	0
	16	2,385	2,699	0	565	4,336	1,388	3,096	0	1,125	3,987	4,013	0	0	3,300	26	24	0
	17	2,918	2,701	0	370	4,459	1,790	2,990	0	990	3,987	4,093	0	0	3,317	27	25	0
	18	2,415	2,710	0	371	5,185	775	3,096	0	1,079	3,987	4,023	0	0	3,246	27	25	0
	19	2,710	2,727	0	367	4,810	784	3,100	0	992	3,987	3,875	0	0	3,357	28	25	0
	20	2,735	2,704	0	367	4,349	884	3,037	0	730	3,661	3,719	0	0	3,290	34	24	0
	21	2,757	2,710	0	367	1,954	702	2,901	0	1,017	3,500	3,705	0	0	3,252	33	26	0
	22	3,838	2,717	0	367	1,946	1,342	2,762	0	1,190	3,801	3,591	0	0	3,407	34	25	0
	23	3,049	2,701	0	744	4,689	850	2,805	0	1,017	3,453	3,908	0	0	3,330	28	26	0
	24	3,368	2,709	0	744	5,051	1,866	2,782	0	744	3,339	3,312	0	0	3,274	27	25	0
	25	3,315	2,772	0	744	5,933	992	2,776	0	632	3,218	3,158	0	0	3,189	0	0	0
	26	3,210	2,721	0	744	5,107	1,100	2,692	0	829	3,200	3,233	0	0	3,426	27	26	0
	27	3,402	2,721	0	744	7,302	1,076	2,721	0	781	3,150	3,338	0	0	3,275	21	15	0
	28	3,424	2,737	0	744	3,646	1,246	2,686	0	868	3,315	3,466	0	0	3,163	22	20	0
	29	3,757	2,731	0	744	2,048	1,975	2,727	0	1,041	3,453	3,414	0	0	3,400	34	25	0
	30	3,365	2,729	0	744	5,522	1,907	2,698	0	843	3,151	3,209	0	0	3,368	20	19	0
	31	3,365	2,728	0	744	4,592	575	2,719	0	793	3,174	3,225	0	0	3,205	27	25	0
	Total	91,240	80,456	0	12,198	129,741	39,631	89,109	0	28,672	110,132	110,481	0	0	104,965	798	648	0

1/ Values supplied by LADWP, not verified by DWR.

**Table 25. Pyramid Lake**  
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)
				Project			Natural	Project			Natural	
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improve. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	To Piru Creek	United Water Agency	
Jun 30	2572.11	162,408										
1	2572.93	163,438	1,030	1,047	1,837	0	10	1,797	0	10	0	-57
2	2572.24	162,571	-867	1,588	2,601	260	10	5,058	0	10	0	-258
3	2570.03	159,815	-2,756	496	2,622	366	10	6,082	0	10	0	-158
4	2570.77	160,735	920	2,093	2,595	377	10	3,883	0	10	0	-262
5	2570.18	160,001	-734	3,035	2,569	377	9	6,610	0	10	0	-104
6	2568.40	157,802	-2,199	845	2,575	377	8	5,730	0	10	0	-264
7	2569.15	158,726	924	1,200	2,578	377	8	3,174	0	10	0	-55
8	2572.96	163,476	4,750	2,346	2,597	0	8	602	0	10	0	411
9	2572.85	163,338	-138	1,591	2,672	0	9	4,379	0	10	0	-21
10	2573.23	163,816	478	1,664	2,650	0	10	3,733	0	10	0	-103
11	2571.57	161,733	-2,083	694	2,672	0	10	5,278	0	10	0	-171
12	2570.40	160,275	-1,458	837	2,701	0	10	5,010	0	10	0	14
13	2568.80	158,295	-1,980	1,823	2,696	0	9	6,232	0	10	0	-266
14	2569.40	159,035	740	0	1,737	0	9	1,010	0	10	0	14
15	2572.01	162,283	3,248	1,120	1,837	594	9	234	0	10	0	-68
16	2572.43	162,810	527	1,388	2,699	565	8	4,336	0	10	0	213
17	2572.69	163,136	326	1,790	2,701	370	9	4,459	0	9	0	-76
18	2571.55	161,708	-1,428	775	2,710	371	9	5,185	1	9	0	-98
19	2570.43	160,312	-1,396	784	2,727	367	9	4,810	0	9	0	-464
20	2569.96	159,728	-584	884	2,704	367	9	4,349	0	9	0	-190
21	2571.36	161,470	1,742	702	2,710	367	8	1,954	0	9	0	-82
22	2573.32	163,930	2,460	1,342	2,717	367	8	1,946	0	8	0	-20
23	2572.76	163,224	-706	850	2,701	744	8	4,689	0	8	0	-312
24	2572.77	163,237	13	1,866	2,709	744	9	5,051	0	8	0	-256
25	2571.51	161,658	-1,579	992	2,772	744	9	5,933	0	8	0	-155
26	2570.92	160,922	-736	1,100	2,721	744	9	5,107	0	8	0	-195
27	2568.40	157,802	-3,120	1,076	2,721	744	8	7,302	0	8	0	-359
28	2569.27	158,875	1,073	1,246	2,737	744	8	3,646	0	8	0	-8
29	2571.98	162,246	3,371	1,975	2,731	744	8	2,048	0	8	0	-31
30	2571.78	161,995	-251	1,907	2,729	744	8	5,522	0	8	0	-109
31	2571.13	161,183	-812	575	2,728	744	8	4,592	0	8	0	-267
Total			-1,225	39,631	80,456	12,198	274	129,741	1	285	0	-3,757

1/ Values supplied by LADWP, not verified by DWR.

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
				Natural	Project 1/					
Jun 30	1512.95	20,337								
1	1514.73	21,051	714	1,797	0	1,047	0	0	-36	
2	1512.05	19,982	-1,069	5,058	0	1,588	0	3,616	-923	
3	1515.04	21,177	1,195	6,082	0	496	0	4,390	-1	
4	1519.35	22,964	1,787	3,883	0	2,093	0	0	-3	
5	1516.37	21,720	-1,244	6,610	0	3,035	0	4,820	1	
6	1520.78	23,574	1,854	5,730	0	845	0	3,030	-1	
7	1523.57	24,785	1,211	3,174	0	1,200	0	764	1	
8	1519.43	22,998	-1,787	602	0	2,346	0	0	-43	
9	1518.77	22,719	-279	4,379	0	1,591	0	3,067	0	
10	1515.38	21,315	-1,404	3,733	0	1,664	0	3,474	1	
11	1519.96	23,223	1,908	5,278	0	694	0	2,676	0	
12	1518.63	22,660	-563	5,010	0	837	0	4,735	-1	
13	1521.76	23,996	1,336	6,232	0	1,823	0	3,074	1	
14	1518.53	22,618	-1,378	1,010	0	0	0	2,387	-1	
15	1516.36	21,716	-902	234	0	1,120	0	0	-16	
16	1517.29	22,100	384	4,336	0	1,388	0	2,563	-1	
17	1513.92	20,724	-1,376	4,459	0	1,790	0	4,047	2	
18	1519.21	22,905	2,181	5,185	0	775	0	2,227	-2	
19	1517.25	22,084	-821	4,810	0	784	0	4,847	0	
20	1516.15	21,630	-454	4,349	0	884	0	3,921	2	
21	1515.25	21,262	-368	1,954	0	702	0	1,618	-2	
22	1516.52	21,782	520	1,946	0	1,342	0	0	-84	
23	1520.20	23,326	1,544	4,689	0	850	0	2,295	0	
24	1512.74	20,254	-3,072	5,051	0	1,866	0	6,256	-1	
25	1519.35	22,964	2,710	5,933	0	992	0	2,231	0	
26	1518.21	22,484	-480	5,107	0	1,100	0	4,488	1	
27	1522.20	24,187	1,703	7,302	0	1,076	0	4,524	1	
28	1517.50	22,188	-1,999	3,646	0	1,246	0	4,398	-1	
29	1517.59	22,225	37	2,048	0	1,975	0	0	-36	
30	1525.86	25,798	3,573	5,522	0	1,907	0	0	-42	
31	1526.74	26,193	395	4,592	0	575	0	3,621	-1	
Total				5,856	129,741	0	39,631	0	83,069	
-1,185										

1/ Values supplied by LADWP, not verified by DWR.

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jun 30	1489.58	269,786								
1	1488.13	266,878	-2,908	0	0	0	2,995	0	87	
2	1488.89	268,400	1,522	0	3,616	0	2,972	0	878	
3	1489.50	269,625	1,225	0	4,390	0	3,161	0	-4	
4	1487.98	266,578	-3,047	0	0	0	3,042	0	-5	
5	1488.97	268,561	1,983	0	4,820	0	2,890	0	53	
6	1489.02	268,661	100	0	3,030	0	2,913	0	-17	
7	1488.02	266,658	-2,003	0	764	0	2,680	0	-87	
8	1486.70	264,028	-2,630	0	0	0	2,814	0	184	
9	1486.93	264,485	457	0	3,067	0	2,675	0	65	
10	1487.26	265,142	657	0	3,474	0	2,809	0	-8	
11	1487.29	265,202	60	0	2,676	0	2,784	0	168	
12	1488.25	267,118	1,916	0	4,735	0	2,752	0	-67	
13	1488.41	267,438	320	0	3,074	0	2,788	0	34	
14	1488.06	266,738	-700	0	2,387	0	2,980	0	-107	
15	1486.58	263,789	-2,949	0	0	0	2,971	0	22	
16	1486.29	263,213	-576	0	2,563	0	2,841	0	-298	
17	1486.81	264,246	1,033	0	4,047	0	2,901	0	-113	
18	1486.53	263,690	-556	0	2,227	0	2,933	0	150	
19	1487.37	265,361	1,671	0	4,847	0	2,920	0	-256	
20	1488.09	266,798	1,437	0	3,921	0	2,986	0	502	
21	1487.38	265,381	-1,417	0	1,618	0	2,924	0	-111	
22	1485.94	262,519	-2,862	0	0	0	2,953	0	91	
23	1485.73	262,103	-416	0	2,295	0	2,790	0	79	
24	1487.53	265,680	3,577	0	6,256	0	2,905	42	268	
25	1487.17	264,963	-717	0	2,231	0	2,888	99	39	
26	1487.93	266,479	1,516	0	4,488	0	2,899	99	26	
27	1488.77	268,160	1,681	0	4,524	0	2,968	99	224	
28	1489.41	269,432	1,272	0	4,398	0	2,889	99	-138	
29	1488.02	266,658	-2,774	0	0	0	2,882	99	207	
30	1486.58	263,789	-2,869	0	0	0	2,776	99	6	
31	1487.05	264,724	935	0	3,621	0	2,825	30	169	
Total				-5,062	0	83,069	0	89,506	666	2,041

1/ Values supplied by LADWP, not verified by DWR.

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Rec.	Transfer	Recovery	Pool A	General Conveyance	
	No.	Structure	Mile									
29A	42	Oso Pumping Plant	1.49		91,240							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved	1	20	0	0	0	0	
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub							
29G		Warne Power Plant	14.07	(Does not Include 12,198 AF of flow through Gorman Creek Imp. Channel)	80,456							
29H	W3	Pyramid Lake		USFS		1	20	0	0	0	0	
				Pyramid Recreation (T300)	1							
				United WA (T300)	0							
29J	W4	Pyramid Dam	17.10	California State Park		20	0	0	0	0	0	
				Piru Fish (T300)	0							
		Castaic Power Plant	25.82	( 39,611 AF pumpback ) 2/	129,741							
30 1/	W5	Elderberry Forebay				83,592	1,018	2,752	124	2,000	2,000	
		Forebay Dam	28.12									
		Castaic Lake		California State Park								
				Castaic Lake Recreation (T301)	20							
		Castaic Dam	31.47									
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	83,592							
				Castaic Lake WA 18", 24" & 54" (T303)	3,018							
				Castaic Lake WA Rio Vista T.P. (T304)	2,752							
				MWD-Ventura Co. WPD (T302)	124							
				Releases to Lagoon	666							
				Reach 30 Subtotal:	89,506	87,486	20	0	0	0	2,000	
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0	2,000	0	0	0	0	0	
		Castaic Lagoon Outlet	31.87		256							

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Project		Del. To Mojave W.A.	Natural To Mojave River				
Jun 30	3345.64	66,137												
1	3346.26	66,703	566	3,820	0	0	11	0	3,302	0	0	59	6	
2	3346.64	67,048	345	2,852	0	0	12	1	3,532	0	1	1,039	6	
3	3346.37	66,804	-244	3,384	0	0	13	0	3,519	0	0	-96	6	
4	3346.88	67,272	468	3,814	0	0	13	1	3,502	0	0	170	6	
5	3346.85	67,245	-27	3,623	0	0	13	0	3,628	0	1	-8	6	
6	3346.85	67,245	0	3,558	0	0	12	1	3,531	0	0	-14	6	
7	3346.88	67,272	27	3,538	0	0	11	0	3,549	0	0	49	6	
8	3346.68	67,089	-183	3,317	0	0	12	1	3,663	0	0	176	6	
9	3346.43	66,859	-230	3,554	0	0	11	0	3,544	0	1	-228	6	
10	3346.01	66,474	-385	3,012	0	0	12	1	3,367	0	0	-17	6	
11	3346.26	66,703	229	3,703	0	0	10	0	3,482	0	0	18	6	
12	3346.91	67,300	597	3,967	0	0	13	1	3,525	0	0	169	5	
13	3346.54	66,960	-340	3,443	0	0	8	0	3,519	0	1	-255	4	
14	3347.10	67,475	515	3,718	0	0	10	0	3,281	0	0	88	4	
15	3347.81	68,131	656	3,896	0	0	9	1	3,222	0	0	-8	4	
16	3348.65	68,912	781	4,013	0	0	9	0	3,300	0	0	77	4	
17	3349.35	69,566	654	4,093	0	0	9	1	3,317	0	0	-112	4	
18	3350.25	70,412	846	4,023	0	0	11	0	3,246	0	1	81	4	
19	3350.59	70,733	321	3,875	0	0	12	1	3,357	0	0	-184	4	
20	3351.04	71,159	426	3,719	0	0	10	1	3,290	0	0	8	4	
21	3351.65	71,739	580	3,705	0	0	9	0	3,252	0	0	136	4	
22	3351.82	71,901	162	3,591	0	0	10	1	3,407	0	1	-10	4	
23	3352.38	72,436	535	3,908	0	0	11	1	3,330	0	0	-31	4	
24	3352.52	72,571	135	3,312	0	0	10	0	3,274	0	0	107	4	
25	3352.52	72,571	0	3,158	0	0	10	1	3,189	0	0	42	4	
26	3352.30	72,360	-211	3,233	0	0	13	0	3,426	0	1	-4	4	
27	3352.16	72,226	-134	3,338	0	0	8	1	3,275	0	0	-188	4	
28	3352.37	72,420	194	3,466	0	0	12	0	3,163	0	0	-97	4	
29	3352.44	72,494	74	3,414	0	0	10	1	3,400	0	0	71	4	
30	3352.38	72,436	-58	3,209	0	0	12	0	3,368	0	1	114	4	
31	3352.47	72,523	87	3,225	0	0	9	1	3,205	0	0	77	0	
Total				6,386	110,481	0	0	335	16	104,965	0	8	1,229	149

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

**Table 30. Lake Perris**

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**July 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Jun 30	1560.66	70,131				
1	1560.58	69,984	-147		20	
2	1560.58	69,984	0		51	
3	1560.44	69,728	-256		66	
4	1560.44	69,728	0		189	
5	1560.44	69,728	0		65	
6	1560.36	69,582	-146		65	
7	1560.30	69,472	-110		65	
8	1560.30	69,472	0		65	
9	1560.27	69,417	-55		66	
10	1560.27	69,417	0		65	
11	1560.22	69,326	-91		65	
12	1560.16	69,217	-109		65	
13	1560.14	69,180	-37		65	
14	1560.05	69,016	-164		66	
15	1560.08	69,071	55		65	
16	1559.97	68,868	-203		65	
17	1559.95	68,832	-36		65	
18	1560.00	68,925	93		65	
19	1560.00	68,925	0		66	
20	1559.86	68,669	-256		65	
21	1559.81	68,578	-91		65	
22	1559.81	68,578	0		65	
23	1559.75	68,470	-108		66	
24	1559.70	68,379	-91		65	
25	1559.67	68,325	-54		65	
26	1559.70	68,379	54		65	
27	1559.62	68,235	-144		66	
28	1559.40	67,832	-403		65	
29	1559.56	68,126	294		64	
30	1559.45	67,928	-198		66	
31	1559.45	67,928	0		66	
Total			-2,203	1,928	2,087	-2,044

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Rec.	Transfer	Recovery	Pool A	General Conveyance	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45		220,969						
	41		298.65	KCWA Tej.-Cas	Stub						
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
		Check No. 42	304.99								
18A	43	Alamo Powerplant	305.73	(Includes 89,109 AF generation, 0 AF plant bypass, and 28,672 AF Tehachapi bypass)	117,781	834					
19	44		306.71	AVEK 305th Street West (T287)	834						
			308.05	AVEK 294th Street West (T267)	0						
	Check No. 43		309.70								
	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
	Check No. 44		314.81								
	45		314.93	AVEK 235th Street West (T270)	0						
			315.57	AVEK 225th Street West (T271)	0						
	Check No. 45		319.74								
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	2,888	2,888					
				Mojave Water Agency Fairmont (T272)	194						
	Check No. 46		323.84								
				Reach 19 Total:	3,082						
20A	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	168	168					
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
	Check No. 48		330.82								
	49	Check No. 49	335.93								
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	5,884	5,884					
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	92						
20B	50		340.92	AVEK WA-Temp (T387)	4	92					
		Check No. 50	341.51								
	51		342.06	AVEK WA-Temp (T386)	7	7					
		Check No. 51	342.07								
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0	2,583					
		Check No. 52	343.74								
21	53		346.98	Palmdale WD (T276) Temp.	2,683	108					
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	108						
	Check No. 53		348.17								
			349.52	Palmdale WD (T394) Temp.	0						
	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
22A	56	Check No. 56	354.76								
	57		354.97	AVEK WA- Delivered through Littlerock Creek ID (T278)	0	217					
			354.97	Palmdale WD (T276)	0						
			354.97	Palmdale WD (T391)	0						
	Check No. 57		356.93								
22A	58		357.60	AVEK 95th Street East (T279)	217	342					
			357.72	AVEK 96th Street East (T280)	342						
			359.76	AVEK East Side Treatment Plant (T281)	736						

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**July 2007**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries						
	Beginning and Ending		No.			Table A	Rec.	Transfer	Recovery 4/	Pool A	General Conveyanc-e	
	No.	Structure	Mile									
22B	58	Pearblossom Pumping Plant	360.61		110,132	151	345	306	1/ 149	16	225	
	59	Check No. 59	366.09									
	60		366.50	AVEK Big Rock Siphon (T368)	151							
		Check No. 60	373.94									
	61	Check No. 61	379.00									
	62	Check No. 62	384.26									
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)	345							
	64	Check No. 64	395.10									
	65	Check No. 65	400.32									
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	306							
23		Check No. 66	403.41									
		Mojave Siphon	405.58	Las Flores Ranch Exchange	149							
24		Mojave Siphon Powerplant	405.65		110,481	16	2/ 110	16	1/ 149	16	225	
		Silverwood Lake	407.65	MWA CS DAM (T288)	0							
25				California State Park Silverwood (T288)	16							
	407.70		Creastline-Lake Arrowhead WA State Project Water (T289)	335								
26A			San Bernardino Intake Tunnel		Non-Project Water (T289)							0
												104,965
28G		Devil Canyon Powerplant	412.73		104,965	48,472	2,120	5,133	3/ 2,733	12,594	3/ 2,733	
			412.88	MWD-Rialto (T292)	0							
28H		Santa Ana Valley Pipeline		MWD-Rialto (T293)	48,472							
				Desert Water Agency Transfer (T293)	2,120							
28J		Lake Perris		Coachella Valley WD Transfer (T293)	5,133							
				MWD EBX-1 (T290)	0							
			443.44	MWD EBX-1 (T291)	12,594	20,137	166	1,921	3/ 2,733	9,164	20,137	
				East Branch Extension	2,733							
				MWD Total:	187,173	183,423	0	0	3,750	0	0	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Transfer of Table A water.

3/ Includes 190 AF to San Gabriel Valley MWD, 2,543 AF to San Bernardino Valley MWD, and 0 AF to San Gorgonio Pass WA.

4/ Includes 3,250 Af of Mojave Water Bank Recovery and 500 AF of Arvin Edison Water Bank Recovery.

**Table 32. Water Quality At Selected SWP Locations**

**July 2007**

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO <sub>3</sub>	40	69	56	87	62	65	68	69	79
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1	<0.1
Bromide	mg/l	<0.01	0.02	0.11	0.22	0.11	0.11	0.11	0.12	0.18
Calcium	mg/l	8	12	13	26	15	15	18	17	22
Carbon - Dissolved Organic	mg/l as C	NR	3	2	3	2	3	3	3	3
Carbon - Total Organic	mg/l as C	NR	4	3	3	3	3	3	2	3
Chloride	mg/l	<1	10	38	72	40	37	39	42	60
Chromium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO <sub>3</sub>	32	67	65	123	75	75	73	75	82
Iron	mg/l	0.005	0.008	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	0.008
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	9	8	14	9	9	8	8	11
Manganese	mg/l	<0.005	0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l as N	<0.01	0.34	0.30	NR	0.29	0.30	0.50	0.50	0.60
Phosphorus-Ortho	mg/l as P	<0.01	0.12	0.05	NR	0.06	0.07	<0.01	0.06	0.06
Phosphorus-Total	mg/l	0.01	0.22	0.10	NR	0.10	0.10	0.10	0.09	0.10
Selenium	mg/l	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001
Sodium	mg/l	3	14	28	56	32	30	32	31	45
Specific Conductance	µS/cm	101	197	274	553	321	321	343	337	456
Sulfate	mg/l	2	12	16	57	20	22	25	26	36
Total Dissolved Solids	mg/l	57	111	150	309	180	180	191	187	258
Turbidity	NTU	3	71	14	26	9	9	20	8	4
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

**July 2007**

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in millisiemens/cm								Cl in mg/l		
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	6.34	4.11	5,652	5,652	10,680	1.23	5.30	0.33	0.36	0.34	0.32	0.40	0.45	0.33	30
2	6.27	4.06	6,097	5,874	11,090	1.21	5.27	0.30	0.34	0.35	0.32	0.40	0.45	0.33	46
3	6.14	4.05	7,838	6,529	11,610	1.10	5.02	0.28	0.32	0.35	0.32	0.28	0.41	0.32	35
4	5.94	4.03	7,341	6,732	11,635	1.13	4.63	0.27	0.31	0.35	0.33	0.27	0.42	0.32	33
5	5.63	4.05	6,739	6,734	11,314	1.14	4.67	0.25	0.31	0.37	0.33	0.26	0.42	0.32	33
6	5.92	4.31	5,470	6,523	10,441	1.22	5.63	0.27	0.31	0.41	0.34	0.25	0.34	0.29	35
7	5.98	4.14	5,648	6,398	9,993	1.24	5.56	0.23	0.30	0.39	0.35	0.24	0.35	0.31	31
8	6.42	4.16	4,926	6,214	10,060	1.27	5.38	0.24	0.30	0.42	0.36	0.24	0.40	0.28	28
9	6.76	4.52	4,411	6,014	9,884	1.59	6.86	0.34	0.31	0.49	0.37	0.24	0.45	0.27	30
10	6.95	4.67	4,220	5,834	9,681	1.98	7.77	0.52	0.33	0.57	0.39	0.24	0.40	0.26	30
11	6.95	4.61	3,955	5,663	10,057	2.21	8.00	0.62	0.35	0.63	0.41	0.24	0.34	0.28	31
12	6.89	4.47	4,551	5,571	10,259	2.22	7.34	0.62	0.36	0.61	0.43	0.24	0.34	0.29	36
13	6.76	4.36	6,183	5,618	11,091	2.06	7.04	0.55	0.37	0.60	0.45	0.25	0.34	0.33	42
14	6.71	4.43	5,667	5,621	11,366	1.96	7.23	0.56	0.38	0.62	0.46	0.26	0.31	0.33	45
15	6.66	4.36	5,185	5,592	11,143	2.07	7.42	0.56	0.40	0.62	0.48	0.27	0.31	0.34	47
16	6.41	4.29	5,703	5,599	11,365	1.98	7.10	0.46	0.41	0.62	0.50	0.28	0.38	0.35	60
17	6.18	4.23	5,292	5,581	11,172	1.99	6.85	0.40	0.42	0.63	0.52	0.27	0.39	0.33	58
18	5.79	4.10	5,517	5,577	11,433	1.69	5.94	0.28	0.42	0.60	0.54	0.28	0.45	0.32	68
19	5.33	3.88	5,477	5,572	11,315	1.53	5.49	0.25	0.42	0.57	0.56	0.28	0.56	0.32	60
20	5.49	3.88	5,416	5,564	11,357	1.45	5.55	0.22	0.42	0.58	0.57	0.28	0.60	0.30	68
21	5.64	3.83	6,609	5,614	11,470	1.41	5.34	0.21	0.42	0.58	0.58	0.29	0.59	0.29	64
22	5.82	3.84	6,154	5,639	11,771	1.40	5.39	0.19	0.41	0.58	0.59	0.29	0.57	0.28	68
23	6.14	4.11	6,244	5,665	11,730	1.50	5.78	0.21	0.40	0.63	0.60	0.29	0.53	0.28	68
24	6.36	4.36	5,797	5,670	11,485	1.75	6.63	0.26	0.39	0.70	0.61	0.29	0.49	0.28	68
25	6.51	4.47	5,824	5,677	11,035	1.95	7.54	0.36	0.37	0.69	0.62	0.29	0.45	0.29	70
26	6.51	4.52	4,936	5,648	10,735	2.15	7.78	0.41	0.35	0.75	0.63	0.29	0.42	0.30	68
27	6.65	4.52	4,546	5,607	10,568	2.27	7.68	0.49	0.35	0.77	0.64	0.29	0.37	0.31	74
28	6.74	4.58	4,472	5,567	10,476	2.41	7.91	0.54	0.35	0.80	0.65	0.31	0.33	0.31	76
29	6.69	4.45	4,309	5,523	10,424	2.44	8.15	0.57	0.35	0.84	0.67	0.31	0.34	0.33	74
30	6.68	4.44	4,350	5,484	10,436	2.50	7.87	0.66	0.36	0.86	0.68	0.33	0.35	0.34	76
31	6.65	4.51	4,081	5,439	10,192	2.63	8.26	0.64	0.38	0.92	0.70	0.34	0.32	0.34	80

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

f = Excess Delta conditions with fish concerns.

N.R. = No Record.

N.C. = Not computed due to insufficient data.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

**July 2007**

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	June 20, 2007	Diuron	0.72
California Aqueduct At Banks Pumping Plant	June 20, 2007	Metolachlor	0.20
	June 20, 2007	Simazine	0.05
	June 20, 2007	Diuron	0.66
O'Niell Forebay Outlet Check 13	June 20, 2007	Simazine	0.05
Delta Mendota Canal At McCabe Road	June 20, 2007	Metolachlor	0.10
	June 20, 2007	Itrazine	0.02
	June 20, 2007	Simazine	0.03
	June 20, 2007	Diuron	0.31
California Aqueduct Near Kettleman City (Check 21)	June 19, 2007	Simazine	0.06
California Aqueduct At Near Highway 119 (Check 29)	June 21, 2007	Simazine	0.03
California Aqueduct at Tehachapi Afterbay (Check 41)	June 20, 2007	Simazine	0.05
California Aqueduct At Devil Canyon Headworks	June 20, 2007	Simazine	0.05

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)		July 2007						
Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	12,392,580	0	74,720	45,170	2,982,930	2,982,930	487,820	7,080
2	13,457,810	0	70,000	44,660	3,429,340	3,429,340	418,970	530
3	13,339,250	0	73,780	48,060	3,125,480	3,125,480	359,530	530
4	9,393,810	6,500	73,210	49,260	3,323,260	3,323,260	451,000	3,130
5	6,371,240	6,450	72,360	49,800	3,001,860	3,001,860	483,890	4,530
6	9,619,310	6,340	69,640	48,830	3,273,950	3,273,950	508,220	1,470
7	13,280,370	0	63,960	50,070	3,165,850	3,165,850	491,030	520
8	13,260,960	0	59,510	46,980	3,113,140	3,113,140	478,980	520
9	14,664,800	0	59,170	47,920	3,308,230	3,308,230	508,310	540
10	14,579,070	0	66,080	51,360	3,201,260	3,201,260	495,090	540
11	13,173,670	0	63,980	50,940	3,539,150	3,539,150	493,720	530
12	10,009,450	3,220	61,370	48,880	3,567,970	3,567,970	478,090	530
13	9,638,310	0	64,790	49,080	3,626,990	3,335,990	480,600	540
14	8,523,670	0	67,240	50,200	3,973,420	3,682,420	493,760	520
15	8,966,410	0	69,420	51,630	4,520,000	4,229,000	482,920	540
16	11,006,480	0	68,250	52,560	3,605,020	3,314,020	497,690	520
17	12,208,010	0	65,260	51,300	3,877,200	3,586,200	489,570	510
18	11,433,290	4,490	59,230	46,410	3,988,760	3,697,760	508,080	460
19	12,193,730	0	54,850	43,970	4,053,860	3,762,860	504,280	420
20	8,862,960	280,900	64,240	49,870	3,917,590	3,626,590	500,800	430
21	7,608,910	296,550	68,550	51,390	3,949,730	3,658,730	489,280	450
22	7,326,560	110	68,840	51,230	3,903,080	3,612,080	493,980	450
23	10,767,670	0	65,310	48,290	3,774,170	3,483,170	498,630	490
24	10,591,240	6,800	64,950	48,500	3,899,840	3,608,840	474,090	490
25	9,608,760	5,640	61,900	46,330	2,707,430	2,416,430	472,860	460
26	10,299,710	3,630	67,510	51,130	4,531,560	4,240,560	501,980	440
27	11,839,010	0	64,190	49,780	4,364,240	4,073,240	502,750	440
28	12,044,430	0	61,030	48,320	4,086,010	3,795,010	513,100	450
29	10,461,080	1,380	62,450	49,170	4,007,540	3,716,540	503,450	450
30	10,918,200	0	62,390	50,760	3,911,960	3,620,960	521,910	470
31	8,450,060	0	55,810	45,890	3,925,990	3,634,990	515,930	480
Total	336,290,810	622,010	2,023,990	1,517,740	113,656,810	108,127,810	15,100,310	29,460

**Table 36. San Luis Field Division Energy Data**

(in kWh)

**July 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	2,168,390	1,448,390	1,204,650	564,650	6,520	6,520
2	1,933,720	1,205,720	735,810	95,810	6,610	6,610
3	2,338,600	1,610,600	606,110	74,110	8,340	8,340
4	2,505,490	1,785,490	381,320	77,320	6,800	6,800
5	2,256,390	1,528,390	902,770	598,770	6,810	6,810
6	2,560,470	1,832,470	1,507,570	568,570	343,860	343,860
7	2,626,600	1,898,600	1,449,800	576,800	561,200	561,200
8	2,186,770	1,466,770	1,476,090	603,090	423,270	423,270
9	2,080,290	1,352,290	1,293,670	354,670	567,530	567,530
10	2,358,040	1,630,040	1,290,260	1,074,260	756,580	756,580
11	2,382,660	1,654,660	1,312,720	691,720	891,430	891,430
12	2,503,920	1,823,920	1,137,420	723,420	767,280	767,280
13	2,144,200	1,464,200	760,580	370,580	722,150	722,150
14	2,178,050	1,498,050	1,126,870	736,870	1,039,220	1,039,220
15	1,958,480	1,286,480	893,540	503,540	1,149,700	1,149,700
16	1,979,850	1,299,850	510,080	55,080	1,233,070	1,233,070
17	1,982,760	1,302,760	0	0	1,152,680	1,152,680
18	2,103,300	1,423,300	0	0	311,790	311,790
19	1,946,310	1,266,310	261,840	261,840	428,690	428,690
20	2,103,000	1,551,000	789,240	517,240	6,430	6,430
21	1,901,400	1,349,400	256,460	-15,540	570,580	570,580
22	2,065,080	1,513,080	0	0	304,600	304,600
23	1,887,620	1,335,620	257,970	-14,030	291,600	291,600
24	2,093,550	1,541,550	1,200,760	928,760	291,900	291,900
25	2,290,820	1,738,820	639,250	639,250	832,030	832,030
26	2,003,520	1,451,520	512,170	512,170	1,127,240	1,127,240
27	2,228,590	1,812,590	452,510	299,510	776,960	776,960
28	2,021,990	1,605,990	282,540	129,540	402,870	402,870
29	2,174,560	1,766,560	0	0	585,300	153,300
30	1,921,200	1,505,200	0	0	588,290	156,290
31	2,207,100	1,791,100	392,790	392,790	440,070	8,070
Total	67,092,720	47,740,720	21,634,790	11,320,790	16,601,400	15,305,400

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Pumping Plant Energy Load Data**

(in kWh)

**July 2007**

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	58,400	142,630	82,220	78,420	83,850	1,968,160	2,138,330	4,648,470	17,173,620
2	59,610	146,320	83,740	79,460	84,320	1,737,270	1,868,210	4,039,780	14,598,330
3	58,530	145,300	84,100	79,310	84,640	1,850,300	1,914,790	4,098,790	15,041,830
4	59,770	146,740	79,240	74,700	80,110	1,948,090	2,050,990	4,413,220	15,806,470
5	61,230	150,810	82,660	77,760	83,130	1,799,450	1,852,190	3,961,620	14,395,180
6	60,510	148,860	84,720	80,390	85,350	1,879,890	1,900,490	4,047,900	14,755,390
7	59,020	149,390	82,590	78,260	82,370	1,888,650	1,926,850	4,155,580	14,883,860
8	59,140	146,680	83,500	79,220	84,220	1,977,700	2,102,400	4,588,970	17,098,910
9	59,550	149,650	79,430	75,480	79,820	1,782,240	1,901,310	4,106,920	14,971,770
10	61,030	153,690	81,970	77,840	82,410	1,868,780	1,903,820	4,085,010	14,744,570
11	59,400	148,640	80,920	76,600	81,340	1,902,820	1,983,090	4,249,230	15,490,250
12	62,120	154,020	84,140	80,210	84,750	1,982,640	2,035,160	4,369,480	15,924,920
13	60,390	152,440	80,970	77,050	82,120	1,968,230	2,048,600	4,376,950	15,784,420
14	61,890	157,300	91,230	87,340	92,070	1,947,930	1,969,100	4,229,370	15,835,180
15	61,440	154,130	81,120	75,770	81,620	1,960,150	2,188,910	4,766,210	17,337,700
16	62,000	157,290	88,830	84,050	89,140	1,919,250	2,089,010	4,474,880	16,473,320
17	61,890	155,600	76,360	71,690	77,080	1,984,950	2,014,250	4,318,100	16,125,590
18	61,250	155,640	77,300	72,860	77,230	1,919,870	2,018,830	4,359,900	15,904,380
19	60,370	153,420	79,800	76,740	80,780	1,839,050	1,956,340	4,233,370	15,338,320
20	63,120	159,760	82,320	76,920	82,040	1,928,980	2,002,470	4,351,080	15,713,190
21	62,270	157,000	87,270	82,880	89,630	1,912,630	2,019,660	4,349,220	16,165,840
22	62,770	157,950	87,440	83,880	87,130	2,014,950	2,198,770	4,809,920	17,817,140
23	62,570	156,020	80,740	76,120	81,220	1,835,110	2,011,870	4,376,200	16,218,660
24	64,120	160,750	84,070	79,400	84,450	1,921,020	2,023,590	4,393,290	15,944,740
25	61,000	153,630	78,150	73,390	79,350	1,968,800	2,013,470	4,336,030	15,938,640
26	54,850	137,720	73,100	68,860	73,850	1,942,610	2,051,390	4,422,840	15,999,340
27	49,920	124,690	87,720	83,920	88,230	1,945,610	1,995,020	4,332,800	16,015,100
28	55,170	137,830	80,320	75,880	80,840	1,909,720	2,017,570	4,412,960	16,127,070
29	58,750	147,890	82,120	77,740	82,380	2,011,350	2,161,360	4,765,720	17,770,400
30	47,780	121,080	81,110	78,360	84,190	1,845,160	1,993,800	4,334,020	15,897,820
31	51,820	134,450	75,300	69,450	75,240	1,947,110	2,016,100	4,348,340	15,926,490
Total	1,841,680	4,617,320	2,544,500	2,409,950	2,564,900	59,308,470	62,367,740	134,756,170	493,218,440

**Table 38. Southern Field Division Energy Data**

**July 2007**

(in kWh)

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	699,307	1,068,630	1,440,000	342,919	2,558,275	3,939,419	313,004	21,135	20,885	619
2	675,931	1,532,690	2,880,000	339,508	2,557,787	4,170,214	313,519	17,973	20,994	675
3	800,901	1,542,080	2,880,000	312,549	2,249,063	4,170,283	275,119	25,594	31,065	657
4	758,465	1,530,010	2,880,000	333,406	2,530,758	4,155,508	310,512	1,817	744	685
5	683,030	1,517,060	2,880,000	325,158	2,296,640	4,317,069	287,708	23,630	21,341	713
6	640,604	1,516,090	2,880,000	324,248	2,427,069	4,175,079	292,000	23,325	21,490	713
7	646,267	1,513,360	2,880,000	298,536	2,437,647	4,208,277	274,466	23,512	21,927	666
8	920,327	1,520,480	2,880,000	324,051	2,175,155	4,337,391	273,912	1,689	714	619
9	649,624	1,553,280	2,520,000	351,365	2,457,797	4,204,104	291,594	23,070	21,173	628
10	680,673	1,544,350	2,520,000	297,587	2,014,806	4,051,088	243,671	22,451	21,143	544
11	670,525	1,551,830	2,520,000	362,312	2,444,776	4,098,873	298,576	23,551	21,699	516
12	837,871	1,565,210	2,520,000	334,217	2,688,853	4,175,059	316,327	21,725	20,349	582
13	696,931	1,563,880	2,520,000	321,964	2,323,360	4,194,551	278,372	22,913	21,123	572
14	700,436	1,032,350	2,520,000	329,678	2,564,098	3,941,080	298,062	21,951	20,478	619
15	786,277	1,093,210	2,520,000	336,778	2,555,135	3,879,262	307,694	18,572	15,746	628
16	630,376	1,567,450	2,880,000	362,747	2,681,286	3,978,896	309,237	17,335	20,399	647
17	766,069	1,566,320	2,880,000	346,727	2,682,632	3,994,956	306,458	18,189	21,550	582
18	637,416	1,565,100	2,880,000	361,432	2,683,749	3,903,283	299,100	18,670	21,292	582
19	714,871	1,568,010	2,880,000	348,428	2,680,778	4,024,308	297,112	19,151	20,954	619
20	767,842	1,556,880	2,880,000	334,939	2,471,326	3,956,042	285,552	23,414	20,647	600
21	726,218	1,556,750	2,880,000	332,437	2,365,384	3,919,086	283,890	22,432	21,629	610
22	1,009,960	1,559,350	2,880,000	314,152	2,566,560	4,094,571	279,223	22,766	21,183	582
23	801,307	1,554,640	3,216,000	310,581	2,333,071	3,997,350	291,653	19,171	22,105	638
24	881,238	1,554,260	3,216,000	308,742	2,253,848	3,957,229	249,585	18,366	21,381	638
25	885,871	1,557,760	3,216,000	308,762	2,171,635	3,855,568	240,684	18,621	16,053	638
26	844,911	1,556,060	3,216,000	308,742	2,160,887	4,121,410	244,769	18,768	21,550	694
27	891,535	1,554,080	3,216,000	308,871	2,133,250	3,953,036	254,717	15,144	16,420	647
28	898,426	1,558,450	3,216,000	308,445	2,239,531	3,831,833	255,815	16,107	17,214	610
29	986,158	1,556,050	3,216,000	308,653	2,333,290	4,095,777	255,756	23,777	21,143	600
30	879,228	1,557,740	3,216,000	308,534	2,135,693	4,063,133	252,927	14,408	15,974	638
31	879,990	1,556,040	3,216,000	308,455	2,149,940	3,876,780	240,407	18,228	21,570	610
Total	24,048,584	46,589,450	88,344,000	10,114,923	74,324,078	125,640,516	8,721,420	597,456	601,935	19,368

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations